Electronic Supplementary Information for:

Bodipy triads triplet photosensitizers enhanced with intramolecular resonance energy transfer (RET): broadband visible light absorption and application in photooxidation

Song Guo,^a Lihua Ma,^a Jianzhang Zhao,^{*a} Betül Küçüköz,^b Ahmet Karatay,^b Mustafa Hayvali,^{*c} H. Gul Yaglioglu^b and Ayhan Elmali^b

^a State Key Laboratory of Fine Chemicals, School of Chemical Engineering, Dalian University of Technology, E-208 Western Campus, 2 Ling Gong Road, Dalian 116024, P. R. China; ^b Department of Engineering Physics, Faculty of Engineering, Ankara University, 06100 Beşevler, Ankara, Turkey; ^c Department of Chemistry, Faculty of Science, Ankara University, 06100 Beşevler, Ankara, Turkey

E-mail: zhaojzh@dlut.edu.cn (J. Z.) and Mustafa.Hayvali@science.ankara.edu.tr (M. H.)

Group homepage: http://finechem.dlut.edu.cn/photochem

Index

1. Synthesis	S2
2. NMR and HRMS spectra	S4
3. Absorption and Emission details	S19
4. Photooxidation details	S26
5. Transient absorption details	S29
6. Calculation details	\$32
7. Coordinates of the optimized molecular geometries	S36

1. Synthesis

Synthesis of 2. Under Ar atmosphere, phenol (1.32 g, 14.03 mmol) and anhydrous potassium carbonate (2.9 g, 20.98 mmol) were mixed in dry ethanol (80 mL), the mixture was stirred at 70 °C for 0.5 h. The mixture was then cooled to RT and 1,2-dibromoethane (4.0 g, 20.98 mmol) was added using syringe. The mixture was stirred at 79 °C for 8 h. The mixture was then cooled to RT. Potassium carbonate was removed by filtration and the filtrate was evaporated to dryness. The crude product was purified by column chromatography (silica gel, CH₂Cl₂/hexane, 1:2, v/v) to afford colourless oil. 0.45 g (21.1%). ¹H NMR (400 MHz, CDCl₃): ¹H NMR (400 MHz, CDCl₃): ^{7.33–7.27} (m, 2H), 7.01–6.92 (m, 2H), 4.31 (d, 2H, J = 6.3 Hz), 3.65 (t, 2H, J = 6.4 Hz).

Synthesis of 3. A mixture of compound **2** (0.45 g, 2.23 mmol) and NaN₃ (0.4, 6.46 mmol) in DMF (20 mL) was heated at 100 °C. After 10 h, The mixture was poured to water and extracted with CH_2Cl_2 . The solvent was evaporated under reduced pressure and the azide compound was obtained as colourless oil, 0.36 g (99 %). ¹H NMR (400 MHz, CDCl₃): 7.32–728 (m, 2H), 7.00–6.91 (m, 3H), 4.15 (t, 2H, J = 5.2 Hz), 3.59 (t, 2H, J = 4.9 Hz). TOF HRMS ESI⁺: m/z calcd for $[C_{17}H_{17}NO+H]^+$: 163.0746; found: 163.0748.

Synthesis of 5. Mixture of carbazole (1.161 g, 6.95 mmol) and NaH (0.695 g, 17.35 mmol, 60% oil dispersion) in dry DMF (10 mL) was stirred at RT for 1 h. *n*-Butyl bromide (0.472 g, 3.47 mmol) was added, and the mixture was stirred for 1 h. The mixture was then poured into water (150 mL), and the precipitate was filtered, dissolved in dichloromethane (50 mL), dried over Na₂SO₄, and evaporated to dryness. The crude product was purified by column chromatography (silica gel, petroleum ether), to give **5** as white solid. Yield: 1.47 g (95%). ¹H NMR (400 MHz, CDCl₃): 8.10 (d, 2H, *J* = 8 Hz), 7.44 (d, 1H, *J* = 7.2 Hz), 7.39 (d, 2H, *J* = 8 Hz), 7.21 (t, 2H, *J* = 7.2 Hz), 4.27 (t, 2H, *J* = 7.2 Hz), 1.87–1.79 (m, 2H), 1.43–1.33 (m, 2H,), 0.92–0.90 (m, 2H). TOF HRMS ESI⁺: *m/z* calcd for [C₁₆H₁₇N+H]⁺: 224.1434; found: 224.1435.

Synthesis of 6. POCl₃ (4.2 mL) was added dropwise into DMF (2 mL) while the mixture was cooled with icebath. Then the temperature of the mixture was warmed up to RT. The reaction mixture was stirred at RT for 2 h. 9-butyl-9*H*-carbazole (2.00 g, 8.96 mmol) was added into the reaction mixture at 60 °C. After 6 h, the reaction was quenched with NaHCO₃ solution (100 mL). Then the mixture was stirred for 1 h. The precipitate was collected with filtration and the solid was washed with cold ethanol (50 mL). The crude product was purified by column chromatography (silica gel, CH₂Cl₂ : petroleum ether = 1:1, v/v) to give the 9-butyl-9H-carbazole-3-carbaldehyde as colourless oil. Yield: 1.58 g (70%). ¹H NMR (400 MHz, CDCl₃): 10.08 (s, 1H), 8.58 (s, 1H), 8.14 (d, 2H, *J* = 7.8 Hz), 8.00 (d, 2H, *J* = 8.5 Hz), 7.52 (t, 1H, *J* = 8.3 Hz), 7.45 (d, 2H, *J* = 8.6 Hz), 7.31 (t, 1H, *J* = 7.2 Hz), 4.30 (t, 2H, *J* = 7.1 Hz), 1.89–1.81 (m, 2H), 1.44–1.35 (m, 2H), 0.95 (t, 3H, *J* = 8.7 Hz). TOF HRMS ESI⁺: *m/z* calcd for [C₁₇H₁₇NO+H]⁺: 252.1383; found: 252.1381.

Synthesis of 8. The synthesis procedure is similar to that of compound **2**. The product was purified by column chromatography (silica gel, CH₂Cl₂/hexane, 10:1, v/v) to afford colourless oil. Yield: 78.1% (1.45 g). ¹H NMR (400 MHz, CDCl₃): 9.90 (s, 1H), 7.87–7.85 (m, 2H), 7.04–7.01 (m, 2H), 4.40 (t, 2H, J = 12.0 Hz), 3.68 (t, 2H, J = 12.0 Hz). TOF HRMS ESI⁺: m/z calcd for [C₉H₉BrO₂+H]⁺: 228.9859; found: 228.9688.

Synthesis of 9. A mixture of compound **8** (1.65 g, 7.19 mmol) and NaN₃ (0.6 g, 9.46 mmol) in DMF (20 mL) was heated at 100 °C. After 10 h, The mixture was poured to water and extracted with CH_2Cl_2 . The solvent was evaporated under reduced pressure and the azide compound was obtained as colourless oil. Colorless oil (1.36 g, 99 %), the compound was used without any further purification.

Synthesis of 13. A mixture of *p*-Hydroxyacetophenone (3.06 g, 22.4 mmol), 3-bromo-1-propyne (3.54 g, 30 mmol) and potassium carbonate (4.15 g, 30mmol) were dissolved in DMF (50 mL), then the reaction mixture was stirred and heated to reflux for 6 h. The solution was poured into ice water and filtered to afford white solid product. 3.45 g (88.1%). ¹H NMR (400 MHz, CDCl₃): 7.96 (d, 2H, *J* =8.8 Hz), 7.03 (d, 2H, *J* =8.8 Hz), 4.76 (d, 2H, *J* = 2.4 Hz), 2.56–2.55 (m, 4H).

Synthesis of 14. Compound **13** (2.23 g, 12.8 mmol) was dissolved in absolute ethyl alcohol (20 mL). Benzaldehyde (1.36g, 12.82 mmol) was added, followed by 10% NaOH aqueous solution (5 mL). The mixture was stirred at rt for 3 h. The precipitate was collected by filtration and the solid was washed with cold EtOH (50 mL) to afford yellow solid. Yield: 3.26 g (97.1%). ¹H NMR (400 MHz, CDCl₃): 8.06 (d, 2H, *J* = 8.8 Hz), 7.83 (d, 1H, *J* = 15.7 Hz), 7.65–7.63 (m, 5H), 7.58 (d, 1H, *J* = 15.7 Hz), 7.42–7.41 (m, 3H), 7.08 (d, 2H, *J* = 8.8 Hz), 4.78 (d, 2H, *J* = 1.9 Hz), 2.27 (t, 1H, *J* = 2.3 Hz). TOF HRMS ESI⁺: *m/z* calcd for $[C_{18}H_{14}O_2+H]^+$: 263.1067; found: 263.1063.

Synthesis of 15. Compound **14** (1.57 g, 6.0 mmol), diethylamine (3 mL, 30 mmol) and nitromethane (2 mL, 30 mmol, 5 eq) were added in methanol (100 mL). The solution was refluxed for 20 h. After cooled to 0 °C, the solution was quenched with HCl (100 mL, 2.5 M). The mixture was filtered and the crude product was recrystallized in methanol to give product **15** as a white solid. Yield: 1.82 g (93.8 %). ¹H NMR (400 MHz, CDCl₃): 7.93 (d, 2H, *J* = 8.5 Hz), 7.35–7.29 (m, 5H), 7.02 (d, 2H, *J* = 8.7 Hz), 4.86–4.65 (m, 4H), 4.23–4.20 (m, 1H), 3.42–3.38 (m, 2H), 2.55 (t, 1H, *J* = 2.3 Hz). TOF HRMS ESI⁺: *m/z* calcd for $[C_{19}H_{17}BF_{25}O_4+H]^+$: 324.1230; found: 342.1234.

Synthesis of 17. Compound **14** (1.57 g, 6.0 mmol) and ammonium acetate was dissolved in 40ml anhydrous butanol. The solution was heated under reflux for 24 h. The precipitation was filtered and washed with cold EtOH to afford blue solid product. Compound **16** was obtained. Yield: 0.43 g (25.3%). TOF HRMS ESI⁺: m/z calcd for $[C_{38}H_{27}N_3O_2+H]^+$: 558.2176, found: 558.2177. This compound was used for the next step of synthesis without further purification. **16** (100 mg, 0.36 mmol) was dissolved in dry CH₂Cl₂ (70 mL), then diisopropylethylamine (0.77 mg, 4.3 mmol) was added. The solution was stirred for 15 min at rt. BF₃·Et₂O (0.83 mL, 6.5 mmol) was added dropwise. The solution was stirred 24 h at RT. Then the solution was washed with a saturated aqueous NH₄Cl solution, brine and water. The organic layer was dried over Na₂SO₄ and the solvent was evaporated under reduced pressure. The mixture was purified by column chromatography (silica gel, dichloromethane/hexanes, 1/1, v/v) to give blue solid (0.19 g, 87.2%). ¹H NMR (400 MHz, CDCl₃): 8.11–8.05 (m, 84H), 7.48–7.44 (m, 6H), 7.11–7.04 (m, 6H), 4.78 (d, 4H, J = 2.4 Hz), 2.57 (t, 2H, J = 2.4 Hz). TOF HRMS ESI⁺: m/z calcd for $[C_{19}H_{18}BF_{25}O_4]^+$: 605.2196, found: 605.2118.





Figure S1. ¹H NMR of 2 (400 MHz, CDCl₃).



Figure S2. ¹H NMR of 3 (400 MHz, CDCl₃).



Figure S3. TOF MS EI+ of 3.



Figure S4. ¹H NMR of **5** (400 MHz, CDCl₃).



Figure S5. TOF HRMS ESI of 5.



Figure S6. ¹H NMR of **6** (CDCl₃, 400 MHz).



Figure S7. TOF HRMS ESI of 6.



Figure S8. ¹H NMR of **8** (400 MHz, CDCl₃).



Figure S9. TOF MS El⁺ of 8.



Figure S10. ¹H NMR of **10** (400 MHz, CDCl₃).



Figure S11. TOF MS El⁺ of 10.



Figure S12. ¹H NMR of **11** (400 MHz, CDCl₃).



Figure S13. TOF HRMS (MALDI) ESI of 11.



Figure S14. ¹H NMR of **13** (400 MHz, CDCl₃).



Figure S15. ¹H NMR of **14** (400 MHz, CDCl₃).



Figure S16. TOF MS El⁺ of 14.



Figure S17. ¹H NMR of **15** (400 MHz, CDCl₃).



Figure S18. TOF MS EI⁺ of 15.



Figure S19. TOF MS EI⁺ of 16.



Figure S20. ¹H NMR of **17** (400 MHz, CDCl₃).







Figure S22. ¹H NMR of **18** (400 MHz, CDCl₃).



Figure S23. TOF HRMS (MALDI) ESI of 18.



Figure S24. ¹H NMR of B-1 (400 MHz, CDCl₃).



Figure S25. TOF HRMS (MALDI) ESI of B-1.



Figure S26. ¹³C NMR of compound B-1 in CDCl₃ (100 MHz), 25°C.



Figure S27. ¹H NMR of **B-2** (400 MHz, CDCl₃).



Figure S28. TOF HRMS (MALDI) ESI of B-2.



Figure S29. ¹³C NMR of compound B-2 in CDCl₃ (100 MHz), 25°C



Figure S30. ¹H NMR of **B-3** (400 MHz, CDCl₃).



Figure S31. TOF HRMS ESI of B-3.



Figure S32. ¹³C NMR of compound B-3 in CDCI₃ (100 MHz), 25°C.

3.0 Absorption and Emission details.



Figure S33. Fluorescence spectra of the triplet photosensitizers in different solvents. (a) **B-2**, $\lambda_{ex} = 500 \text{ nm}$; (b) **B-3**, $\lambda_{ex} = 585 \text{ nm}$. 25 °C.



Figure S34. UV/Vis absorption spectra of the light-harvesting control compounds and the triplet photosensitizers in different solvents. (a) **17**, (b) **18**, (c) **B-1**, (d) **B-2** and (e) **B-3** in different solvents. $c = 1.0 \times 10^{-5} \text{ M}^{-1} \cdot 25 \text{ °C}$.



Figure S35. The fluorescence spectra of the **18**. $c = 1.0 \times 10^{-5}$ M in toluene, 20 °C.



Figure S36. Fluorescence spectra: (a) **17**, $\lambda_{ex} = 678$ nm ; (b) **18**, $\lambda_{ex} = 658$ nm; (c) **B-1**, $\lambda_{ex} = 530$ nm; (d) **B-2**, $\lambda_{ex} = 658$ nm and (e) **B-3**, $\lambda_{ex} = 664$ nm, $\lambda_{ex} = 653$ nm in different solvents. $\lambda_{ex} = 530$ nm. $c = 1.0 \times 10^{-5}$ M⁻¹. 25 °C.



Figure S37. The fluorescence spectra of the **Bodipy** compounds. (a) The emission spectra of **B-1** and **B-2**, $\lambda_{ex} = 650$ nm; **B-2**, $\lambda_{ex} = 490$ nm; (b) The emission spectra of **B-1** and **B-3**, $\lambda_{ex} = 650$ nm; **B-3**, $\lambda_{ex} = 573$ nm; in toluene, 20 °C. These results indicate that the excited state of energy acceptors in triads were not significantly quenched by electron transfer.



Figure S38. The fluorescence spectra of the Bodipy triads. (a) The emission spectra of **B-2**, λ_{ex} = 660 nm and λ_{ex} = 475 nm, at which **B-2** shows the same absorbance; (b) The emission spectra of **B-3**, λ_{ex} = 660 nm and λ_{ex} = 536 nm, at which **B-3** shows the same absorbance; *c* =1.0×10⁻⁵ M in toluene, 20 °C.



Figure S39. Excitation spectra of (a) **B-1**, (b) **B-2** and (c) **B-3** recorded by fixing the emission wavelength at 650 nm. $c = 1.0 \times 10^{-5}$ M. In toluene (TN) and benzonitrile (PhCN). 20 °C.



Figure S40. UV-vis absorption spectra of **17** and **18**. $c = 1.0 \times 10^{-5}$ M in toluene. 20 °C.



Figure S41. (a) UV/Vis absorption of $Ir(ppy)_2(phen)[PF_6]$ (**Ir-1**) (Normalized data) and **TPP**. (b). The emission spectra of **Ir-1**(Normalized data) and **TPP**. ($c = 1.0 \times 10^{-5}$ mol dm⁻³ in toluene). 20 °C.



Figure S42. Fluorescence emission spectra of the Bodipys and the triplet photosensitizers: The emission spectra of **B-3** and **11**, $\lambda_{ex} = 573$ nm (toluene, 1.0×10^{-5} M, 20 °C).



Figure S43. Normalized UV/Vis absorption and fluorescence excitation spectra: **B-3** ($\lambda_{em} = 750$ nm) (toluene, 1.0×10^{-5} M, 20 °C).



Figure S44. To clarify the possible C=C bond *cis-trans* isomerization by monitoring the UV/Vis absorption spectra of the triads upon manocromatic light irradiation. (a) **B-2**, λ_{ex} = 504 nm; (b) **B-2**, λ_{ex} =683 nm; (c) **B-3**, λ_{ex} = 593 nm; (d) **B-3**, λ_{ex} = 683 nm (*c* = 1.0×10⁻⁵ M in toluene, 20°C).

4.0 Photooxidation details.



Figure S45. Comparison of the singlet oxygen generation of the different triplet photosensitizers, monitored by the decrease of the absorbance of DPBF against photoirradiation time. $\lambda_{ex} = 673$ nm. 20 °C.



Figure S46. The yields of Juglone against irradiation time for the photooxidation of DHN using compounds **B-1**, **B-2**, **B-3**, **TPP**, **MB** and Ir(ppy)₂(phen)[PF₆] (Ir-1) as singlet O₂ photosensitizer.



Figure S47. Absorption spectral change for the photooxidation of **DHN** using compounds as a sensitizer. (a) **TPP**. (b) **MB**. (c) $Ir(ppy)_2(phen)[PF_6]$ (**Ir-1**). Photoirradiation was carried out with 35 W xenon lamp (light power density: 170 W/m²). *c* [DHN] = 1.0×10^{-4} M, *c* [photosensitizers] = 1.0×10^{-5} M. In CH₂Cl₂/CH₃OH=9/1 (v/v); 20 °C.



Figure S48. Comparative singlet oxygen generation experiment. Absorbance decrease of DPBF with time in the presence of photosensitizers: (a) **B-1** and **B-2**. The samples were irradiated with monochromatic light from spectrofluorometer ($\lambda_{ex} = 501$ nm); (a) **B-1** and **B-3**. The samples were irradiated with monochromatic light from spectrofluorometer ($\lambda_{ex} = 560$ nm), *c* [sensitizers] = 5.0×10^{-4} M. 20 °C.



Figure S49. (a) Comparison of the UV-Vis absorption spectra of **B-1**, **B-2**, **B-3** and the emission spectra of the 35 W xenon lamp (measured with spectrofluorometer). In toluene, 1.0×10^{-5} M, 20°C. The excitation of xenon lamp with wavelength shorter than 387 nm was blocked by 0.72 M NaNO₂ solution. (b) The emission spectrum of the 35 W xenon lamp with and without the NaNO₂ solution filter. Xe lamp parameter: 35 W, color temperature: 8000 K.



5.0 Transient absorption (nanosecond and femtosecond)

Figure S50. Nanosecond time-resolved transient absorption decay trace (a) $Ir(ppy)_2(phen)[PF_6]$ (**Ir-1**) at 310 nm. (b) Decay trace of **TPP** at 416 nm. In aerated toluene after pulsed excitation at 355 nm. $c = 1.0 \times 10^{-5}$ M. 20 °C.



Figure S51. Nanosecond time-resolved transient absorption difference spectra of **B-3**. (a) Transient absorption with different delay times. (b) Decay trace at 430 nm. In deaerated toluene after pulsed excitation at 355 nm. $c = 2.0 \times 10^{-5}$ M; 20 °C.



Figure S52. Nanosecond time-resolved transient absorption difference spectra of **18**. (a) Transient absorption with different delay times, (b) Decay trace at 470 nm. $c = 2.0 \times 10^{-5}$ M in deaerated toluene after pulsed excitation at 355 nm. 20 °C.



Figure S53. (a) Femtosecond transient absorption spectra of compound **B-3** upon femtosecond pulsed laser excitation at $\lambda_{ex} = 592$ nm) in toluene with several time delays between 0.987 and 2000 ps. (b) Decay profile at 588 nm and 680 nm. 20 °C.

The recovering of the bleaching band at 588 nm and the concomitant increasing of the bleaching band at 680 nm indicated the singlet energy transfer in **B-3**. The singlet energy transfer constant was calculated as $k_{\text{ET}} = (5.1 \pm 0.4) \times 10^{11} \text{ s}^{-1}$ with the increasing of the bleaching band at 680 nm.



Figure S54. Femtosecond transient absorption spectra of compound **B-1** upon femtosecond pulsed laser excitation. $c = 1.0 \times 10^{-5}$ M in toluene with several time delays between 1.07 and 2000 ps. 20 °C.





Figure S55. Selected frontier molecular orbitals involved in the excitation and emission of **B-1**. The charge transfer states were not denoted with molecular orbits (S_1 states). The left column is UV-Vis absorption (based on ground state geometry), the middle column is the fluorescence emission (based on the optimized S_1 state geometry) and the right column is the triplet excited state (based on ground state geometry). The calculations are at the B3LYP/genecp/ level using Gaussian 09W.

Table S1. Selected Electronic Excitation Energies (eV) and Corresponding Oscillator Strengths(f), Main Configurations and Cl Coefficients of the Low-lying Electronically Excited States of **B-1.** [a]

Singlet	Electronic transition	TDDFT//B3LYP/6-31G(d)			
		Energy ^[b]	f ^[c]	Composition ^[d]	CI ^[e]
(UV-vis)	$S_0 \rightarrow S_1$	1.05 eV / 1183 nm	0.0000	H→L	0.6980
	$S_0 \rightarrow S_2$	1.99 eV / 622 nm	0.0000	H−2→L	0.6896
	$S_0 \rightarrow S_4$	2.09 eV / 593 nm	0.7463	H→L	0.7041
(FL)	$S_0 \rightarrow S_1$	1.95 eV / 637 nm	0.7150	H→L	0.7080
(Triplet)	$S_0 \rightarrow T_1$	1.05 eV / 1183 nm	0.0000	H→L	0.6980

[a] Calculated by TDDFT//B3LYP/ genecp. FL stands for fluorescence. [b] Only selected lowlying excited states are presented. [c] Oscillator strength. [d] H stands for HOMO and L stands for LUMO. Only the main configurations are presented. [e] CI coefficients are in absolute values.



Figure S56. Selected frontier molecular orbitals involved in the excitation and emission of **B-3**. The charge transfer states were not denoted with molecular orbits. The left column is UV/Vis absorption (based on ground state geometry), the middle column is the fluorescence emission (based on the optimized S₁ state geometry) and the right column is the triplet excited state (based on ground state geometry). The calculations are at the B3LYP/ genecp / level using Gaussian 09W.

Table S2. Selected Electronic Excitation Energies (eV) and Corresponding Oscillator Strengths (*f*), Main Configurations and CI Coefficients of the Low-lying Electronically Excited States of **B-3.**^[a]

Singlet	Electronic	TDDFT//B3LYP/6-31G(d)			
		Energy ^[b]	f ^[c]	Composition ^[d]	CI ^[e]
(UV-vis)	$S_0 \rightarrow S_1$	1.24eV 997 nm	0.0000	H→L	0.7070
	$S_0 \rightarrow S_2$	1.93 eV 990 nm	0.0000	H−1→L	0.7070
	$S_0 \rightarrow S_5$	2.10 eV 590 nm	0.7675	H−3→L	0.7038
	$S_0 \rightarrow S_{11}$	2.42 eV 512 nm	0.9315	H−2→L+2	0.1234
				H−1→L+1	0.1390
				H→L+2	0.6831
(Triplet)	$S_0 \rightarrow T_1$	1.05 eV 1177 nm	0.0000	H−3→L	0.6985
	$S_0 \rightarrow T_2$	1.27 eV 997 nm	0.0000	H→L	0.7070
	$S_0 \rightarrow T_3$	1.25 eV 990 nm	0.0000	H−1→L	0.7070

[a] Calculated by TDDFT//B3LYP/ genecp. FL stands for fluorescence. [b] Only selected lowlying excited states are presented. [c] Oscillator strength. [d] H stands for HOMO and L stands for LUMO. Only the main configurations are presented. [e] CI coefficients are in absolute values.

7. Coordinates of the optimized geometries of the compounds

Compound B-1. Ground state geometry.

Symbolic Z-matrix:

Charge = 0 Multiplicity = 1

С	-5.25883900 -1.19082200 0.02239700
С	-5.29502700 1.11502700 -0.02603000
С	-3.50275900 -2.59579300 0.15106100
С	-4.71290400 -3.37347500 0.16748400
С	-5.81263600 -2.51752900 0.09091500
С	-3.58264900 2.57518100 -0.12413700
С	-4.81641100 3.31409700 -0.16152300
С	-5.88932900 2.42352500 -0.10420300
В	-2.92443900 -0.00034200 0.01806600
F	-2.12479600 0.01855000 -1.14039200
F	-2.14271000 0.00611800 1.18856300
С	-7.33583000 2.65989100 -0.12216700
С	-8.19359500 1.88570300 0.68450600
С	-7.89911000 3.63510700 -0.96666600
С	-9.56957000 2.10210400 0.66128300
Н	-7.77488200 1.11548700 1.31592300
С	-9.27643900 3.84334600 -0.98860200
Н	-7.25721600 4.21038500 -1.62008100
С	-10.11578500 3.08316000 -0.17009000
Н	-10.21540300 1.50370200 1.29292000
Н	-9.69501600 4.59391600 -1.64877500
Н	-11.18654600 3.25037000 -0.18450700
С	-2.22742700 3.11879200 -0.18507000
С	-1.19893200 2.66143900 0.66799100
С	-1.92663300 4.13593500 -1.10791100
С	0.06062400 3.23180400 0.61382500
Н	-1.39356500 1.83633300 1.33526200
С	-0.65513300 4.69562500 -1.17355700
Н	-2.68535200 4.47218700 -1.80135900
С	0.34577500 4.25787100 -0.29956600
Н	0.85333300 2.89563700 1.26853400
Н	-0.45544300 5.46463900 -1.90661600
С	-2.13241700 -3.09635400 0.23494400
С	-1.10353000 -2.60375800 -0.59786500
С	-1.81642000 -4.10778400 1.15901700
С	0.17115300 -3.13726300 -0.52562900



Н	-1.31186700 -1.78221200 -1.26543800
С	-0.53036800 -4.63049100 1.24290800
Н	-2.57574500 -4.46860700 1.83928100
С	0.47121800 -4.15979000 0.38695800
Н	0.96417900 -2.77474100 -1.16574000
н	-0.31964500 -5.39493200 1.97771800
c	-7 25112000 -2 79958200 0.08376400
c	9 11022000 2 04076400 0 72477000
c	770775200 2 70407900 0 01569400
Ċ	-7.79775200 -3.79497800 0.91508400
C	-9.48803000 -2.30925500 -0.73540200
Н	-7./1468100 -1.2640/900 -1.35616100
C	-9.16803100 -4.04636200 0.913/0600
Н	-7.14956400 -4.35248700 1.57816500
С	-10.01705500 -3.31000000 0.08354100
Н	-10.14162800 -1.72890400 -1.37583600
Н	-9.57379500 -4.81201500 1.56449300
Н	-11.08213300 -3.51071600 0.07945000
Ν	-5.92101400 -0.04809700 -0.00754500
Ν	-3.89062100 1.24386800 -0.02171300
Ν	-3.85118100 -1.27486400 0.04260200
1	-4 96135500 5 43142200 0 04842300
	-4 78724800 -5 49472900 -0.04380200
Ċ	2.01803800 5.78117200 -1.24525000
с ц	1 00421900 5 20451000 2 26601400
	1.90451800 5.59451000 -2.20001400
П	1.39855600 6.67948300 -1.13934800
0	1.63232100 4.75947600 -0.26773500
C	4.26563500 5.44248300 -0.04118000
н	4.05195200 4.62343200 0.61798800
N	4.1455/300 /.09486500 -1.5/096400
Ν	5.40459300 7.11332700 -1.09324500
Ν	5.47053500 6.07211700 -0.13270500
С	3.44663900 6.08868700 -0.94259000
С	6.72301700 5.82601400 0.59610500
С	7.79403900 6.84505500 0.19151800
Н	7.09176800 4.82106600 0.37499800
Н	6.54813700 5.91180700 1.67167000
Н	8.03605800 6.76820100 -0.87137200
н	7.46924400 7.86543100 0.40918200
0	8.93581400 6.44293200 1.03198800
Ċ	10 10177900 7 21498700 0 87014000
c	
c	11 1851/100 6 66162000 0 18656000
c	11 26076000 0 22556100 1 24027200
	0.24714600 9.25550100 1.24927500
	9.34/14000 8.91891100 1.93009500
C	12.36525500 7.39210800 0.04411800
н	11.09140500 5.65976400 -0.21215500
Н	11.43904600 10.23413400 1.66480500
Н	13.20736900 6.95709900 -0.48142000
С	2.14996600 -5.69935700 1.29472000
Н	2.04348800 -5.37110100 2.33612600
Н	1.51644900 -6.58174500 1.13918600

1.77159000 -4.62515300 0.37223300
4.35004100 -5.42805200 -0.00910900
4.10387000 -4.66251300 -0.71924300
4.30837200 -6.95072700 1.65370600
5.54778400 -6.99838300 1.12896100
5.56484200 -6.03803900 0.08586900
3.57418900 -6.00505200 0.97365700
6.78628700 -5.83950600 -0.70721200
7.91185900 -6.75087800 -0.20565700
7.11484900 -4.80002400 -0.62842900
6.58976200 -6.07136900 -1.75725600
8.16457300 -6.53577900 0.83570400
7.63534000 -7.80423100 -0.29364900
9.02055700 -6.39898200 -1.11044200
10.20756900 -7.13121900 -0.91909400
10.30964200 -8.45819800 -1.34150500
11.29773000 -6.50172300 -0.31719500
11.50792000 -9.15138300 -1.16826600
9.45995500 -8.93221600 -1.81697500
12.49731700 -7.19474900 -0.15113500
11.19380200 -5.47206200 -0.00022600
11.58713100 -10.17954400 -1.50177300
13.34456200 -6.70119600 0.31053600
12.45934600 8.68261100 0.57106700
13.37429500 9.25152400 0.45720700
12.60431500 -8.52259000 -0.57209000
13.53446400 -9.06210600 -0.43975500

Compound B-1. Triplet state geometry. Charge = 0 Multiplicity = 3

С	5.25999700	1.13618100	0.10576500
С	5.25315300	-1.16095300	-0.09207100
С	3.54009300	2.60181600	0.23922800
С	4.76244800	3.33211800	0.37126800
С	5.84755700	2.45465500	0.31028800
С	3.52451600	-2.61511500	-0.23693000
С	4.74276900	-3.35338500	-0.36215400
С	5.83327000	-2.48315200	-0.29353000
В	2.93796000	-0.00484100	-0.00040800
F	2.14120100	-0.00689200	-1.16615300
F	2.13369900	0.00235300	1.16001900
С	7.27043200	-2.72752500	-0.39595700
С	8.18524200	-1.96913800	0.36690000
С	7.77956800	-3.70031300	-1.28121800
С	9.55426600	-2.20332400	0.26610100
Н	7.81261300	-1.18987200	1.01481900
С	9.14993800	-3.92492900	-1.38012100
Н	7.09852600	-4.25774400	-1.90945500



С	10.04331500 -3.18405400 -0.60120500
Н	10.24056200 -1.61676100 0.86568900
Н	9.52220400 -4.67172600 -2.07170900
Н	11.10958200 -3.36316400 -0.67688600
С	2.16384800 -3.10849700 -0.30187300
С	1.13790300 -2.60020400 0.53447200
С	1.82851100 -4.13903000 -1.20714300
С	-0.13352700 -3.13776600 0.49133600
Н	1.35302600 -1.76706100 1.18553600
С	0.54543500 -4.66613300 -1.25931300
H	2 57293400 -4 50242600 -1 90118100
C	-0.44459300 -4.18365100 -0.39386200
Н	-0.91804900 -2.76534500 1.13629100
н	0.32383400 -5.44236700 -1.97850700
C	2 18210000 3 10368500 0 207/5000
C C	1 15651100 2 50000200 0 54104500
C	1.15051100 2.59990500 -0.54194500
	1.04910500 4.15745000 1.19991700
	-0.11233900 3.14385200 -0.50368000
H C	1.36994400 1.76580700 -1.19235200
C	0.5685//00 4.6/106/00 1.24/21600
H	2.59298800 4.49799300 1.89605000
C	-0.421/3100 4.19068/00 0.38094000
Н	-0.89658600 2.77458100 -1.15078500
Н	0.34826700 5.44856300 1.96547300
С	7.28555900 2.68946800 0.42263900
С	8.20073600 1.92437800 -0.33304800
С	7.79481300 3.65936400 1.31100500
С	9.57054500 2.14936000 -0.22238000
Н	7.82757000 1.14712800 -0.98307300
С	9.16590600 3.87476400 1.41978400
Н	7.11298900 4.22164800 1.93405000
С	10.05989600 3.12732200 0.64787200
Н	10.25721500 1.55771400 -0.81651700
Н	9.53817100 4.61941200 2.11368700
Н	11.12677700 3.29919300 0.73128500
Ν	5.93579400 -0.01456300 0.00907800
Ν	3.87727300 -1.26021200 -0.04468000
Ν	3.88507900 1.24451100 0.04977000
1	4.87713800 -5.48159000 -0.24017900
	491197500 545927300 0.24779200
C	-2 15496400 -5 69318400 -1 29592900
н	-2.06029100 -5.32622600 -2.32574500
Ц	-1.536/3000 -6.50180800 -1.18/72600
	-1.33043000 -0.39180800 -1.18472000 1 72002200 4 65277100 0 24904100
C C	4.27251900 5.22421900 0.04660200
с u	-4.3/331000 -3.32421800 -0.04000300
	-4.14032800 -4.48950200 0.58800300
IN N	
IN N	-5.53252000 -7.02397800 -1.02805300
N	-5.5//42500 -5.96099000 -0.09066500
C	-3.5/582500 -5.98914100 -0.95346100
С	-6.81296800 -5.69964300 0.66185100

С	-7.88859200 -6.73408900 0.31218000
Н	-7.19154000 -4.70254100 0.42230800
Н	-6.61090200 -5.75501300 1.73454800
Н	-8.15156600 -6.69556300 -0.74773300
Н	-7.55574200 -7.74535500 0.55884300
0	-9.01584400 -6.30788200 1.16000700
С	-10.13685300 -7.15943400 1.14187700
С	-10.11834200 -8.38300300 1.81435900
С	-11.28335500 -6.75278300 0.45857000
С	-11.25265400 -9.19515500 1.80927700
Н	-9.22622900 -8.68210400 2.35055100
С	-12.41910700 -7.56362200 0.46056200
Н	-11.27328500 -5.79932700 -0.05356400
Н	-11.23836700 -10.14179600 2.33679000
Н	-13.31057100 -7.24222100 -0.06531100
С	-2.10617300 5.76074600 1.22525800
Н	-2.02176400 5.45251800 2.27451800
Н	-1.46277500 6.63445600 1.06275600
0	-1.71526900 4.66447700 0.33212900
С	-4.27942600 5.48769700 -0.12455300
Н	-4.02261200 4.71641500 -0.82469000
Ν	-4.26606600 7.02038100 1.52966800
Ν	-5.49400400 7.06959200 0.97906600
Ν	-5.49351000 6.10294000 -0.05813800
С	-3.52183900 6.06780000 0.87058400
С	-6.69950100 5.90443100 -0.87497900
С	-7.83126400 6.82332200 -0.40172400
Н	-7.03371200 4.86675300 -0.79662600
Н	-6.48046300 6.12931400 -1.92205200
Н	-8.10649100 6.61453000 0.63522800
Н	-7.54823000 7.87499700 -0.48908000
0	-8.92215900 6.47157400 -1.32769600
С	-10.11409000 7.20091600 -1.15546400
С	-10.21120700 8.52924900 -1.57466000
С	-11.21338700 6.56700500 -0.57527800
С	-11.41368200 9.21953600 -1.41979200
Н	-9.35424300 9.00671300 -2.03331100
С	-12.41705600 7.25712800 -0.42773000
Н	-11.11299400 5.53636100 -0.26037600
Н	-11.48899800 10.24882800 -1.75067900
Н	-13.27134300 6.76024200 0.01706300
С	-12.40543400 -8.78866900 1.13192900
Н	-13.28590900 -9.41995100 1.13030200
С	-12.51914300 8.58641400 -0.84536100
Н	-13.45248700 9.12370400 -0.72729300

Compound B-2. Ground state geometry.

Symbolic Z-matrix: Charge = 0 Multiplicity = 1



C	-9.88577200 -1.15598400 -0.15688900
С	-9.90162100 1.11360400 0.16356200
С	-8.16910200 -2.57257100 -0.22182100
С	-9.37901700 -3.33451100 -0.27031800
С	-10.46832300 -2.46755200 -0.24647200
Ċ	-8 20382200 2 55147600 0 24339200
c	-9,42286200 3,29814500 0,28415000
c	10 501 2200 200 2 41 75000 0 251 2200
	7 5 4 5 1 2 0 0 0 0 0 1 1 0 0 0 0 0 0 0 0 0 0 0
D	-7.54512000 -0.00419900 -0.00086900
F _	-6.79220400 0.20330100 -1.14445400
F	-6./6220800 -0.19812/00 1.12358100
C	-11.94834000 2.66302300 0.28122100
С	-12.79403900 1.84080600 1.04978500
С	-12.52371400 3.70342100 -0.47092300
С	-14.16882700 2.06447800 1.07428200
Н	-12.36631200 1.03146300 1.62999200
С	-13.89979700 3.91935200 -0.44865800
Н	-11.89178200 4.32859800 -1.09210800
C	-14 72699500 3 10440000 0 32754900
н	-14.80484000 1.42419300 1.67926600
	14 22648000 4 72227600 1 04227500
	16 70071700 2 27714200 0 24707600
	-15./99/1/00 3.2//14200 0.34/9/300
C	-6.83304800 3.07611600 0.25147100
C	-5.850/1900 2.59689900 1.141///00
C	-6.47811300 4.10120600 -0.63935400
С	-4.57301300 3.13356100 1.13957500
Н	-6.09372400 1.79820100 1.82981200
С	-5.19095700 4.63302900 -0.66204500
Н	-7.21005600 4.47433100 -1.34756300
С	-4.23120300 4.15285100 0.23811300
Н	-3.81658000 2.77412500 1.82983500
н	-4.95314200 5.41185100 -1.37694500
C	-6 79229700 -3 08043800 -0 21936300
c	-5.80400500 -2.57726900 -1.08997100
C C	6 42572200 4 11204700 0 66229200
C	
	-4.52063100 -5.09977400 -1.07965400
H	-6.04/50200 -1.//1/3/00 -1./6983200
C	-5.14323200 -4.63122200 0.69304500
Н	-7.17078900 -4.50302500 1.35803000
C	-4.17833400 -4.12848800 -0.18908200
Н	-3.76015800 -2.72233600 -1.75573100
Н	-4.90474500 -5.41558700 1.40165900
С	-11.91215500 -2.73070000 -0.28565400
С	-12.76249500 -1.91990400 -1.06119500
С	-12.48005500 -3.77660100 0.46452200
С	-14.13432600 -2.16000500 -1.09441000
H	-12.34064900 -1.10631900 -1.63976200
C	-13 85329100 -4 00898300 0 43352200
с Н	
C	
	-14.00497700 -5.20520000 -0.54958000
Н	-14.//389/00 -1.52828800 -1./0462200

H-15.75540600-3.39084700-0.37678300N-10.55157900-0.025460000.00065600N-8.513649001.230982000.18499600N-8.49629200-1.25498600-0.65216200C-2.520550005.59040200-0.62309000H-2.657967005.22201200-1.64980100H-3.112073006.51048300-0.51870000O-2.948367004.607468000.31394900C-0.197480005.258169000.50654600H-0.312791004.446220001.20651700N-0.414606006.86347200-1.01973600N0.973251005.921582000.31576400C-1.076391005.87423100-0.35615600C2.260279005.694330000.96600000C3.312110006.705868000.51526200H2.609914004.682594000.73479400H2.132130005.766494002.05105500H2.992859007.729640000.74082700C5.61835007.128554000.96104600C5.715682008.43038001.45719500C6.634481006.574546000.20147500C6.63743009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.0598700C5.5919100-0.168732000.102466100H6.537758001.944327001.02586800C9.184458001.0	Н	-14.27430200 -4.81691600 1.02574300
N -10.55157900 -0.02546000 0.00065600 N -8.51364900 1.23008200 0.18499600 N -8.49629200 -1.25498600 -0.16798100 I -9.53076600 5.38012000 0.66451600 I -9.46216400 -5.41770600 -0.62309000 H -2.65796700 5.22201200 -1.64980100 H -3.11207300 6.51048300 -0.5187000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.4462200 1.20651700 N 0.41460600 6.8347200 -1.0173600 N 0.82588800 6.89110400 -0.61405500 C 1.07639100 5.87423100 -0.35615600 C 2.6027900 5.69433000 0.96600000 C 3.31211000 6.7584800 0.5155200 H 2.60991400 4.68259400 0.74479400 L 2.99285900 7.72864000	Н	-15.75540600 -3.39084700 -0.37678300
N -8.51364900 1.23008200 0.18499600 N -8.49629200 -1.25498600 -0.16798100 I -9.53076600 5.38012000 0.66451600 I -9.46216400 -5.41770600 -0.62309000 C -2.52055000 5.2201200 -1.64980100 H -3.11207300 6.51048300 -0.51870000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.97325100 5.87423100 -0.3165600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526201 H 2.60991400 4.68259400 0.73479400 H 2.60991400 4.68259400 0.74482400 C 5.60183500 7.12855400 0.96104600 C 5.60183500 7.128554	Ν	-10.55157900 -0.02546000 0.00065600
N -8.49629200 -1.25498600 -0.16798100 I -9.53076600 5.38012000 0.66451600 I -9.46216400 -5.41770600 -0.65209000 C -2.52055000 5.59040200 -0.63309000 H -2.65796700 5.22201200 -1.64980100 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.36615600 C 2.6027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.74482700 C 5.60183500 7.1285400 0.96104600 C 5.60183500 7.1285400 0.20147500 C 6.63448100 6.5745460	Ν	-8.51364900 1.23008200 0.18499600
I -9.53076600 5.38012000 0.66451600 I -9.46216400 -5.41770600 -0.65209000 C -2.52055000 5.59040200 -0.62309000 H -2.65796700 5.22201200 -1.64980100 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N 0.41460600 6.86347200 -1.0173600 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.705649400 2.05105500 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.72649400 2.05105500 H 2.9285900 7.12855400 0.20147500 C 5.60183500 7.12855400 0.20147500 C 5.63448100 6.57454600<	Ν	-8.49629200 -1.25498600 -0.16798100
-9.46216400 -5.41770600 -0.65216200 C -2.52055000 5.59040200 -0.62309000 H -2.65796700 5.22201200 -1.64980100 H -3.11207300 6.51048300 -0.51870000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01763010 N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C 1.07639100 5.87423100 0.35615600 C 2.6027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.9285900 7.72964000 0.74082700 G 5.60183500 7.12855400 0.20147500 C 5.60183500 7.12855400 0.	1	-9.53076600 5.38012000 0.66451600
C -2.52055000 5.59040200 -0.6230900 H -2.65796700 5.22201200 -1.64980100 H -3.11207300 6.51048300 -0.51870000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.9285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 7.863347300 9.17540000 </td <td>Ì</td> <td>-9 46216400 -5 41770600 -0 65216200</td>	Ì	-9 46216400 -5 41770600 -0 65216200
H -2.65796700 5.2201200 -1.64980100 H -3.11207300 6.51048300 -0.51870000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 2.9285900 7.12855400 0.96104600 C 5.60183500 7.12855400 0.20147500 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.86347300 9.17540000	Ċ	-2 52055000 5 59040200 -0 62309000
H -3.11207300 6.51048300 -0.51870000 O -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 3.48936100 6.3755400 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.61843100 6.5745460 0.20147500 C 6.63448100 6.57454600	с ц	-2.65796700 -5.2201200 -1.64980100
-3.11207300 6.31048300 -0.51870000 -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 2.99285900 7.22964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454600 0.2018700 C 7.8053600 7.32312600 0.042466100	11	2.03790700 5.22201200 -1.04980100
C -2.94836700 4.60746800 0.31394900 C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 5.55919100 0.16873200 C 7.78253600 7.32312600 0.42466100 H 4.91425800 8.84747300		-5.11207500 0.51046500 -0.51870000
C -0.19748000 5.25816900 0.50654600 H -0.31279100 4.44622000 1.20651700 N -0.41460600 6.86347200 -1.01973600 N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 9.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63447300 9.17540000 1.18716000 H 4.91425800 8.84747300	0 C	-2.94836700 4.60746800 0.31394900
H-0.312/91004.446220001.20651700N-0.414606006.86347200-1.01973600N0.825888006.89110400-0.61405500N0.973251005.921582000.31576400C-1.076391005.87423100-0.35615600C2.260279005.694330000.96600000C3.312110006.705868000.51526200H2.609914004.682594000.73479400H2.132130005.766494002.05105500H3.489361006.637564000.74082700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.634481005.55919100-0.16873200C7.782536007.32312600-0.05908700H4.914258008.47473002.05988900C7.782536007.32312600-0.64680500C9.132431009.437120000.13044200C9.132431009.437120000.13044200C10.214456009.404327001.02586900C11.685165009.058759002.70152700H12.169989008.716582003.60704500C11.685165009.058759002.70152700H12.169989008.716582003.60704500C11.685165009.05875900<	C	-0.19748000 5.25816900 0.50654600
N -0.41460600 6.86347200 -1.01973600 N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 3.48936100 6.63756400 -0.56398500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.6183500 7.1285400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.86347300 9.17540000 1.18716000 H 4.91425800 8.84747300 2.05988900 C 7.8253600 7.32312600	Н	-0.312/9100 4.44622000 1.20651/00
N 0.82588800 6.89110400 -0.61405500 N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 3.48936100 6.63756400 -0.56398500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.60183500 7.1285400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454600 0.20147500 C 7.8253600 7.32312600 -0.5988900 C 7.90711900 8.63240800 0.42466100 H 6.95394300 10.18680100	Ν	-0.41460600 6.86347200 -1.01973600
N 0.97325100 5.92158200 0.31576400 C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 3.48936100 6.63756400 -0.56398500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.86347300 9.17540000 1.18716000 H 4.91425800 8.84747300 2.05988900 C 7.78253600 7.32312600 -0.16873200 C 7.90711900 8.63240800 0.42466100 H 6.95394300 1.018680100	N	0.82588800 6.89110400 -0.61405500
C -1.07639100 5.87423100 -0.35615600 C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 3.48936100 6.63756400 -0.56398500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454000 1.18716000 H 4.91425800 8.84747300 2.05988900 C 7.78253600 7.32312600 -0.16873200 C 7.90711900 8.63240800 0.42466100 H 6.95394300 10.18680100 1.57361100 H 6.95394300 1.02586900	Ν	0.97325100 5.92158200 0.31576400
C 2.26027900 5.69433000 0.96600000 C 3.31211000 6.70586800 0.51526200 H 2.60991400 4.68259400 0.73479400 H 2.13213000 5.76649400 2.05105500 H 2.99285900 7.72964000 0.74082700 O 4.49208700 6.35725800 1.24435400 C 5.60183500 7.12855400 0.96104600 C 5.60183500 7.12855400 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.63448100 6.57454600 0.20147500 C 6.86347300 9.17540000 1.18716000 H 4.91425800 8.84747300 2.05988900 C 7.78253600 7.32312600 -0.05908700 H 6.53070400 5.55919100 -0.16873200 C 7.90711900 8.63240800 0.42466100 H 6.95394300 10.18680100	С	-1.07639100 5.87423100 -0.35615600
C3.312110006.705868000.51526200H2.609914004.682594000.73479400H2.132130005.766494002.05105500H3.489361006.63756400-0.56398500H2.992859007.729640000.74082700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.40327001.02586900C9.132431009.40327001.02586900C10.214456009.404327001.02586900C10.414493008.704004002.26353300C11.685165009.058759002.70152700H12.169989008.716582003.60704500C8.350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.8350680011.29231100-2.09634800C8.8295930010.41731400 </td <td>С</td> <td>2.26027900 5.69433000 0.96600000</td>	С	2.26027900 5.69433000 0.96600000
H2.609914004.682594000.73479400H2.132130005.766494002.05105500H3.489361006.63756400-0.56398500O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C11.685165009.058759002.70152700H12.169989008.716582003.60704500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.3	С	3.31211000 6.70586800 0.51526200
H2.132130005.766494002.05105500H3.489361006.63756400-0.56398500H2.992859007.729640000.74082700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.600	н	2.60991400 4.68259400 0.73479400
H3.489361006.63756400-0.56398500H2.992859007.729640000.74082700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C10.214456009.404327001.02586900C10.414493008.704004002.26353300C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012	Н	2 1 3 2 1 3 0 0 0 5 7 6 6 4 9 4 0 0 2 0 5 1 0 5 5 0 0
H2.992859007.729640000.74082700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.86143500 <td< td=""><td>н</td><td>3 48936100 6 63756400 -0 56398500</td></td<>	н	3 48936100 6 63756400 -0 56398500
In2.992033007.723040000.74002700O4.492087006.357258001.24435400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.18881700 <td< td=""><td>н</td><td>2 99285900 7 72964000 0 74082700</td></td<>	н	2 99285900 7 72964000 0 74082700
C4.492087000.337238001.24433400C5.601835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.18881700<	\cap	4,40209700 6,25725900 1,24425400
C5.801835007.128554000.96104600C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.40437100 <td>C C</td> <td>4.49208700 0.33723800 1.24433400</td>	C C	4.49208700 0.33723800 1.24433400
C5.715682008.430388001.45719500C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	5.60183500 /.12855400 0.96104600
C6.634481006.574546000.20147500C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	5./1568200 8.43038800 1.45/19500
C6.863473009.175400001.18716000H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	6.63448100 6.57454600 0.20147500
H4.914258008.847473002.05988900C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	6.86347300 9.17540000 1.18716000
C7.782536007.32312600-0.05908700H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	4.91425800 8.84747300 2.05988900
H6.530704005.55919100-0.16873200C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	7.78253600 7.32312600 -0.05908700
C7.907119008.632408000.42466100H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	6.53070400 5.55919100 -0.16873200
H6.9539430010.186801001.57361100H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	С	7.90711900 8.63240800 0.42466100
H8.587798006.89115600-0.64680500C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	6.95394300 10.18680100 1.57361100
C9.132431009.437120000.13044200C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	8.58779800 6.89115600 -0.64680500
C10.214456009.404327001.02586900C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	С	9.13243100 9.43712000 0.13044200
C9.1814580010.21183300-1.04049600C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	10 21445600 9 40432700 1 02586900
C10.414493008.704004002.26353300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	9 18145800 10 21183300 -1 04049600
C10.111135000.701801002.2033300C12.250715009.948039001.76383800C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	10 41 44 93 00 8 70 400 400 2 263 53 300
C12.250715005.940055001.705053000C11.685165009.058759002.70152700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	c	
C11.083103009.038739002.70132700H12.169989008.716582003.60704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	c	11 69516500 0 05975000 2 70152700
H12.169989008.716582003.80704500C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700		121000000 0710000 2.00102/00
C10.1179650011.61658400-2.50234500C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	н с	12.16998900 8.71658200 3.60704500
C8.8350680011.29231100-2.99075100H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	10.11/96500 11.61658400 -2.50234500
H8.4038180011.66898300-3.90958600C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	8.83506800 11.29231100 -2.99075100
C8.2295930010.41731400-2.09634800F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	8.40381800 11.66898300 -3.90958600
F12.7075160010.60070700-1.19972700F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	C	8.22959300 10.41731400 -2.09634800
F11.8190340012.38015300-0.06465300C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	F	12.70751600 10.60070700 -1.19972700
C6.852002009.84657400-2.26913200H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	F	11.81903400 12.38015300 -0.06465300
H6.861435008.75327400-2.33707500H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	С	6.85200200 9.84657400 -2.26913200
H6.1888170010.10385400-1.43621800H6.4043710010.23668300-3.18859700	Н	6.86143500 8.75327400 -2.33707500
H 6.40437100 10.23668300 -3.18859700	Н	6.18881700 10.10385400 -1.43621800
	Н	6.40437100 10.23668300 -3.18859700

H8.563534008.260650003.3000800H9.205313006.909080002.37944000H9.887965007.392569001.79618100C13.5959280010.597566001.79618100H14.1870680010.318950002.70538900C11.142870012.51721600-3.11230800H11.4047650013.32371800-2.41954100H11.6063340011.96566000-3.31676600H10.7677360012.94914600-4.04390400B11.6119770011.06348100-0.47352500N10.3201300010.96989200-1.33839100N11.3696230010.151137000.76567300C-2.48505900-5.619261000.61424200H-2.61636300-5.323325001.66459700H-2.61636300-5.3539400-0.57593300C-0.18617500-5.33534000.5759300C-0.18617500-5.35539400-0.355200N0.85961800-6.924664000.58597300N0.85961800-5.911086000.3346700C2.25719100-5.882114400-1.07932700C3.34313800-6.73535200-0.54792000H2.58223200-4.76389100-1.30271400C3.545100-7.78484700-0.68410100C5.63119000-7.15721500-1.0053600C5.752136008.47785700-1.44686600C5.65043100-1.30271400C5.6514100-1.30	С	9.49343200 7.76965800 2.99254000
H9.205313006.909080002.37944000H9.987965007.392569003.89329800C13.5959280010.597566001.79618100H14.1870680010.31825000.92256300H13.4968250011.68730000-1.75376300C11.1422870012.51721600-3.11230800H11.4047550013.32371800-2.41954100H12.0663340011.96566000-3.31676600H10.7677360012.94914600-4.04390400B11.6119770011.06348100-0.47352500N10.3201300010.9698200-1.33839100N11.3696230010.151137000.76567300C-2.48505900-5.619261000.6142200H-3.09813600-6.515319000.44296800O-2.88932800-4.56645700-0.25466300C-0.18617500-5.33539400-0.57593300H-0.31526800-4.54965200-1.30285500N0.37002900-6.874285001.02152400N0.98744000-5.993700-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.34313800-6.7535200-0.54792000H2.5822300-4.76389100-2.14977300H2.5822300-4.76389100-2.14977300C5.75213600-8.4785700-1.44686600C5.75213600-8.4785700-1.0453400C <t< td=""><td>Н</td><td>8.56353400 8.26065000 3.30000800</td></t<>	Н	8.56353400 8.26065000 3.30000800
H9.987965007.392569003.89329800C13.5959280010.597566001.79618100H14.1870680010.301825000.92256300H13.4968250011.687300002.70538900C11.1422870012.51721600-3.11230800H11.4047650013.32371800-2.41954100H12.0663340011.96566000-3.31676600H10.7677360012.94914600-4.04390400B11.6119770011.06348100-0.47352500N10.3201300010.96989200-1.33839100N11.3696230010.151137000.76567300C-2.48505900-5.619261000.61424200H-2.61636300-5.323325001.6459700H-3.09813600-6.515319000.44296800O-2.88932800-4.5645700-0.25466300C-0.18617500-5.33539400-0.57593300H-0.31526800+4.54965200-1.30285500N0.98744000-5.9937960-3.8524900C-1.04504800-5.911086000.3346700C2.25719100-5.80214400-1.07932700C3.34313800-6.7535200-0.54792000H2.58223200+4.76389100-2.21497300H2.51822600-5.69331000.52126900H2.5192600-6.4983100-1.3077400C5.63119000-7.15721500-1.04504800C5.75213600-8.47285700-1.44686600C	Н	9.20531300 6.90908000 2.37944000
C 13.59592800 10.59756600 1.79618100 H 14.18706800 10.30182500 0.92256300 H 13.49682500 11.68730000 1.75376300 H 14.13494700 10.31895000 2.70538900 C 11.14228700 12.51721600 -3.11230800 H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -6.87428500 1.02152400 N 0.85961800 -6.91180600 -3.3346700 C -1.04504800 <td>Н</td> <td>9.98796500 7.39256900 3.89329800</td>	Н	9.98796500 7.39256900 3.89329800
H 14.18706800 10.30182500 0.92256300 H 13.49682500 11.68730000 1.75376300 H 14.13494700 10.31895000 2.70538900 C 11.14228700 12.51721600 -3.11230800 H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 1.5113700 0.76567300 C -2.48505900 -5.5132500 1.66459700 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.5645700 -0.2546300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.85961800 -5.80214400 1.07932700 C 2.25719100	С	13.59592800 10.59756600 1.79618100
H 13.49682500 11.68730000 1.75376300 H 14.13494700 10.31895000 2.70538900 C 11.14228700 12.51721600 -3.11230800 H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -4.4752500 N 10.32013000 10.96989200 -1.33839100 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.33539400 -0.57593300 C -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.887961800 -6.92466400 0.5897300 N 0.88744000 5.99179600 -0.352300 C -1.04504800 5.9810440 -1.07932700 C 2.25719100	Н	14.18706800 10.30182500 0.92256300
H 14.13494700 10.31895000 2.70538900 C 11.4228700 12.51721600 -3.11230800 H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 O -2.89832800 -4.56645700 -0.25466300 C -0.31526800 -4.54965200 -1.30285500 N 0.85961800 -6.92466400 0.58597300 N 0.85961800 -5.935700 -0.3702900 -6.87428500 -1.0285500 N 0.98744000 -5.99379600 -0.38524900 -0.370324700 C 2.25719100 -5.80214400 <	Н	13 49682500 11 68730000 1 75376300
C 11.14228700 12.51721600 -3.11230800 H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285501 N 0.85961800 -6.92466400 0.58597300 N 0.85961800 -5.9379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800	н	14 13494700 10 31895000 2 70538900
H 11.40476500 13.32371800 -2.41954100 H 12.06633400 11.96566000 -3.31676600 H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -4.04390400 B 11.61197700 11.06348100 -4.04390400 B 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.85961800 -6.92466400 0.5897300 N 0.85961800 -5.91108600 0.3346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -5.4792000 H 2.58223200	C	11 14228700 12 51721600 -3 11230800
H 12.06633400 11.96566000 -3.1676600 H 12.06633400 12.94914600 -4.04390400 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.3346700 C 2.25719100 -5.80214400 -1.07932700 C 3.3431380 -6.7553200 -0.54792000 H 2.515223200 -4.76389100 -0.52126900 H 3.05967700	н	11 40476500 13 32371800 -2 41954100
H 10.76773600 12.94914600 -4.04390400 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.85961800 -6.92466400 0.58597300 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -9.25126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000	н	12,06633400 11,96566000 -3,31676600
In 10.3079000 12.3914000 -0.47352500 B 11.61197700 11.06348100 -0.47352500 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.3232500 1.66459700 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N -0.37002900 -6.87428500 1.02152400 N 0.85961800 -6.92466400 0.58597300 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.75535200 -0.54792000 H 2.518223200 -4.76389100 0.52126900 H 2.563119000	н	10 76773600 12 94914600 -4 04390400
B 11.01197700 11.0548100 0.47332300 N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.85961800 -6.92466400 0.58597300 N 0.85961800 -5.991108600 0.3346700 C -1.04504800 -5.99170800 -3.342700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -5.2126900 H 3.51852600 -6.5693100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000	R	1161107700 1106348100 -0.47352500
N 10.32013000 10.96989200 -1.33839100 N 11.36962300 10.15113700 0.76567300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -2.14977300 H 3.51852600 -5.6930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000	D N	
N 11.36962300 10.13113700 0.78367300 C -2.48505900 -5.61926100 0.61424200 H -2.61636300 -5.32332500 1.66459700 H -3.09813600 -6.51531900 0.44296800 O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N -0.37002900 -6.87428500 1.02152400 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -2.214977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000	IN N	10.52015000 10.90969200 -1.55659100
C-2.48505900-5.619261000.61424200H-2.61636300-5.323325001.66459700O-2.88932800-4.56645700-0.25466300C-0.18617500-5.33539400-0.57593300H-0.31526800-4.54965200-1.30285500N-0.37002900-6.874285001.02152400N0.85961800-6.924664000.58597300N0.98744000-5.99379600-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.3431380-6.73535200-0.54792000H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.9117500-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.43936700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C <td>N C</td> <td></td>	N C	
H-2.61636300-5.323325001.66459700H-3.09813600-6.515319000.44296800O-2.88932800-4.56645700-0.25466300C-0.18617500-5.33539400-0.57593300H-0.31526800-4.54965200-1.30285500N-0.37002900-6.874285001.02152400N0.85961800-6.924664000.58597300N0.98744000-5.99379600-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.34313800-6.73535200-0.54792000H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.63119000-7.15721500-1.0450400C6.66866800-6.56043100-0.28554100C6.9117500-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C <td>C</td> <td>-2.48505900 -5.61926100 0.61424200</td>	C	-2.48505900 -5.61926100 0.61424200
H-3.09813600-6.515319000.44296800O-2.88932800-4.56645700-0.25466300C-0.18617500-5.33539400-0.57593300H-0.31526800-4.54965200-1.30285500N-0.37002900-6.874285001.02152400N0.85961800-6.924664000.58597300N0.98744000-5.99379600-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.34313800-6.73535200-0.54792000H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.63119000-7.15721500-1.04503600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.4219700C7.96017500-8.61293700-0.43936700H2.0585500-10.128657001.06304900C9.19875000-9.39174600-0.13107000H8.63704600-8.71011900-2.29834800C <td>н</td> <td>-2.61636300 -5.32332500 1.66459/00</td>	н	-2.61636300 -5.32332500 1.66459/00
O -2.88932800 -4.56645700 -0.25466300 C -0.18617500 -5.33539400 -0.57593300 H -0.31526800 -4.54965200 -1.30285500 N -0.37002900 -6.87428500 1.02152400 N 0.85961800 -6.92466400 0.58597300 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.66866800 -6.56043100 -0.28554100 C 6.66866800 -6.56043100 -0.28554100 C 6.5943800	Н	-3.09813600 -6.51531900 0.44296800
C-0.18617500-5.33539400-0.57593300H-0.31526800-4.54965200-1.30285500N-0.37002900-6.874285001.02152400N0.85961800-6.924664000.58597300N0.98744000-5.99379600-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.34313800-6.73535200-0.54792000H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.0977700H6.55943800-5.531145000.4219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C <td>0</td> <td>-2.88932800 -4.56645700 -0.25466300</td>	0	-2.88932800 -4.56645700 -0.25466300
H-0.31526800-4.54965200-1.30285500N-0.37002900-6.874285001.02152400N0.85961800-6.924664000.58597300N0.98744000-5.99379600-0.38524900C-1.04504800-5.911086000.33346700C2.25719100-5.80214400-1.07932700C3.34313800-6.73535200-0.54792000H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.0977700H6.55943800-5.531145000.4219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C <td>С</td> <td>-0.18617500 -5.33539400 -0.57593300</td>	С	-0.18617500 -5.33539400 -0.57593300
N -0.37002900 -6.87428500 1.02152400 N 0.85961800 -6.92466400 0.58597300 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.28563200 -0.0977700 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.0977700 H 6.55943800 -5.53114500 0.4219700 C 7.96017500 <t< td=""><td>Н</td><td>-0.31526800 -4.54965200 -1.30285500</td></t<>	Н	-0.31526800 -4.54965200 -1.30285500
N 0.85961800 -6.92466400 0.58597300 N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.0253400 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.00977700 H 6.55943800 -5.53114500 0.43936700 C 7.96017500 -8.61293700 -1.30707000 H 7.00806500	Ν	-0.37002900 -6.87428500 1.02152400
N 0.98744000 -5.99379600 -0.38524900 C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.00503600 C 6.66866800 -6.56043100 -0.28554100 C 6.91175000 -9.19875200 -1.16253400 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.00977700 H 6.55943800 -5.53114500 0.4219700 C 7.96017500	Ν	0.85961800 -6.92466400 0.58597300
C -1.04504800 -5.91108600 0.33346700 C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.16253400 C 5.63119000 -8.47785700 -1.44686600 C 6.66866800 -6.56043100 -0.28554100 C 6.91175000 -9.19875200 -1.16253400 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.00977700 H 6.55943800 -5.53114500 0.4219700 C 7.96017500 -8.	Ν	0.98744000 -5.99379600 -0.38524900
C 2.25719100 -5.80214400 -1.07932700 C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.16253400 C 6.66866800 -6.56043100 -0.28554100 C 6.91175000 -9.19875200 -1.16253400 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.00977700 H 6.55943800 -5.53114500 0.04219700 C 7.96017500 -8.61293700 -0.43936700 H 7.00806500 -10.22464600 -1.50707000 H 8.63704600 -	С	-1.04504800 -5.91108600 0.33346700
C 3.34313800 -6.73535200 -0.54792000 H 2.58223200 -4.76389100 -0.95538000 H 2.11561800 -5.98501400 -2.14977300 H 3.51852600 -6.56930100 0.52126900 H 3.05967700 -7.78484700 -0.68410100 O 4.51020600 -6.40983100 -1.30771400 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.00503600 C 5.63119000 -7.15721500 -1.44686600 C 6.66866800 -6.56043100 -0.28554100 C 6.66866800 -6.56043100 -0.28554100 C 6.69117500 -9.19875200 -1.16253400 H 4.94698900 -8.92829700 -2.01989300 C 7.82821600 -7.28563200 -0.00977700 H 6.55943800 -5.53114500 0.04219700 C 7.96017500 -8.61293700 -0.43936700 H 7.00806500 -10.22464600 -1.50707000 H 8.63704600 -	С	2.25719100 -5.80214400 -1.07932700
H2.58223200-4.76389100-0.95538000H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	С	3.34313800 -6.73535200 -0.54792000
H2.11561800-5.98501400-2.14977300H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	Н	2.58223200 -4.76389100 -0.95538000
H3.51852600-6.569301000.52126900H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	Н	2.11561800 -5.98501400 -2.14977300
H3.05967700-7.78484700-0.68410100O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	Н	3.51852600 -6.56930100 0.52126900
O4.51020600-6.40983100-1.30771400C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	н	3.05967700 -7.78484700 -0.68410100
C5.63119000-7.15721500-1.00503600C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	0	4 51020600 -6 40983100 -1 30771400
C5.051150007.157215001.00505000C5.75213600-8.47785700-1.44686600C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	C	5 63119000 -7 15721500 -1 00503600
C5.7.52150006.477637001.4400000C6.66866800-6.56043100-0.28554100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C9.19875000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	C	5 75213600 -8 47785700 -1 44686600
C0.00000000-0.00043100-0.20034100C6.91175000-9.19875200-1.16253400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	c	6 66866800 -6 56043100 -0 28554100
C0.91175000-9.19875200-1.16235400H4.94698900-8.92829700-2.01989300C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C9.26855500-10.128657001.06304900C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	C	6.01175000 0.10975200 1.16252400
H4,94698900-8.92829700-2.01969900C7.82821600-7.28563200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	с u	0.91175000 -9.19875200 -1.10255400
C7.82821800-7.28363200-0.00977700H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	п С	4.94090900 -0.92029700 -2.01909300
H6.55943800-5.531145000.04219700C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200		7.82821600 -7.28563200 -0.00977700
C7.96017500-8.61293700-0.43936700H7.00806500-10.22464600-1.50707000H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	H C	0.55943800 -5.53114500 0.04219700
H7.00806500 -10.22464600-1.50707000H8.63704600 -6.820843000.54719900C9.19875000 -9.39174600 -0.13107000C10.27215000 -9.37312500 -1.03724700C9.26855500 -10.128657001.06304900C10.45196000 -8.71011900 -2.29834800C12.30901200 -9.91336500 -1.77625700C11.72357600 -9.06154400 -2.73625400H12.19582700 -8.74197900 -3.65656100C10.23550300 -11.47595600 2.55875200C8.95463500 -11.14902500 3.05077200	C	7.96017500 -8.61293700 -0.43936700
H8.63704600-6.820843000.54719900C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	н	/.00806500 -10.22464600 -1.50/0/000
C9.19875000-9.39174600-0.13107000C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	Н	8.63/04600 -6.82084300 0.54/19900
C10.27215000-9.37312500-1.03724700C9.26855500-10.128657001.06304900C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	C	9.19875000 -9.39174600 -0.13107000
C 9.26855500 -10.12865700 1.06304900 C 10.45196000 -8.71011900 -2.29834800 C 12.30901200 -9.91336500 -1.77625700 C 11.72357600 -9.06154400 -2.73625400 H 12.19582700 -8.74197900 -3.65656100 C 10.23550300 -11.47595600 2.55875200 C 8.95463500 -11.14902500 3.05077200	С	10.27215000 -9.37312500 -1.03724700
C10.45196000-8.71011900-2.29834800C12.30901200-9.91336500-1.77625700C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	С	9.26855500 -10.12865700 1.06304900
C 12.30901200 -9.91336500 -1.77625700 C 11.72357600 -9.06154400 -2.73625400 H 12.19582700 -8.74197900 -3.65656100 C 10.23550300 -11.47595600 2.55875200 C 8.95463500 -11.14902500 3.05077200	С	10.45196000 -8.71011900 -2.29834800
C11.72357600-9.06154400-2.73625400H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	С	12.30901200 -9.91336500 -1.77625700
H12.19582700-8.74197900-3.65656100C10.23550300-11.475956002.55875200C8.95463500-11.149025003.05077200	С	11.72357600 -9.06154400 -2.73625400
C 10.23550300 -11.47595600 2.55875200 C 8.95463500 -11.14902500 3.05077200	Н	12.19582700 -8.74197900 -3.65656100
C 8.95463500 -11.14902500 3.05077200	С	10.23550300 -11.47595600 2.55875200
	C	8.95463500 -11.14902500 3.05077200

Н	8.53749100 -11.49978300 3.98624000
С	8.33051400 -10.30927200 2.13564400
F	12.80090600 -10.47961400 1.19882100
F	11.91662100 -12.29710700 0.12234600
С	6.94973600 -9.74566000 2.30602100
Н	6.94819500 -8.65043500 2.32413800
Н	6.27570900 -10.04741000 1.49697500
Н	6.52171200 -10.09861000 3.24951300
С	9.51180200 -7.81260200 -3.04898600
Н	8.58320200 -8.32386000 -3.32588700
Н	9.22260100 -6.93276700 -2.46439900
Н	9.99074300 -7.46403200 -3.96945200
С	13.66222100 -10.54637900 -1.80058900
Н	14.25828800 -10.21352100 -0.94385400
Н	13.57766000 -11.63516600 -1.72009500
Н	14.18837400 -10.29217500 -2.72436900
С	11.27576700 -12.34544500 3.18673000
Н	11.54675000 -13.16618400 2.51426700
Н	12.19267400 -11.77552900 3.37243600
Н	10.91179000 -12.75795300 4.13124400
В	11.70217700 -10.97157200 0.49731000
Ν	10.41841200 -10.86483900 1.37256000
Ν	11.43936400 -10.09629700 -0.76427000

Compound B-2. Triplet state geometry. Symbolic Z-matrix:

Symbolic Z-matrix.						
Charge = 0	Charge = 0 Multiplicity = 3					
С	9.87801700	-1.26778000	-0.15278800			
С	9.95403100	1.01515900	0.15833600			
С	8.10672300	-2.65771000	-0.38506600			
С	9.30221000	-3.42764700	-0.53332500			
С	10.41868700	-2.59695200	-0.41131900			
С	8.27874500	2.52624500	0.33851100			
С	9.51953400	3.20836100	0.53598100			
С	10.57794200	2.30120100	0.44572000			
В	7.59914000	-0.04307500	-0.04059700			
F	6.77533300	-0.06018600	1.10600000			
F	6.82400500	0.03288200	-1.21802300			
С	12.02031600	2.48253500	0.59393200			
С	12.92255700	1.73517800	-0.19452700			
С	12.54537400	3.37944800	1.54722700			
С	14.29679900	1.90839400	-0.05135400			
Н	12.53490500	1.01154800	-0.89606100			
С	13.92073800	3.54255000	1.68847100			
Н	11.87181600	3.92529600	2.19355000			
С	14.80269500	2.81489100	0.88446300			
Н	14.97395600	1.33227800	-0.67107300			
Н	14.30543700	4.23090400	2.43191500			



Н	15.87300400 2.94650600 0.99323100
С	6.93535200 3.06775800 0.38754200
С	5.92430400 2.64838200 -0.51339800
С	6.60412000 4.05573800 1.34019400
С	4.67117100 3.22802800 -0.48098400
Н	6.13299300 1.84635800 -1.20426000
С	5.33791500 4.62411700 1.38137000
Н	7 33586000 4 35159500 2 07845400
C	4 36336900 4 22700100 0 45754300
н	3 89805300 2 92297200 -1 17334800
н	5 11710100 5 36508300 2 13705700
C	673176000 -3 10491900 -0 48095900
c	5 71787600 -2 60702800 0 37578300
c	6 37066900 -4 08162800 -1 43449700
c	4 43222200 _3 10668300 0 30583700
с u	4.43222200 -3.10008300 0.30383700
п С	5.95574000 -1.81128700 1.00517500
	5.07521900 -4.56965400 -1.51555400
H	/.10/25400 -4.432//000 -2.14311600
C	4.09492600 -4.10029200 -0.62816400
н	3.6565/500 -2./432/200 0.96649/00
Н	4.83144500 -5.30305600 -2.27029200
C	11.84862400 -2.88178500 -0.50860100
С	12.77587900 -2.19177600 0.30274800
C	12.33923600 -3.82463500 -1.43570500
С	14.13818100 -2.46392000 0.20694500
Н	12.41845500 -1.43437400 0.98435600
С	13.70323600 -4.08681900 -1.52952100
Н	11.64982900 -4.32866800 -2.09902700
С	14.60834800 -3.41467100 -0.70321400
Н	14.83411600 -1.93021100 0.84362600
Н	14.06173900 -4.80915600 -2.25357800
Н	15.66948300 -3.62326900 -0.77511200
Ν	10.59506200 -0.15037500 0.01330300
Ν	8.58482600 1.17063800 0.08273900
Ν	8.49914900 -1.32506700 -0.12569800
I	9.73586100 5.33258200 0.54540000
1	9.36824400 -5.56244700 -0.51538400
С	2.66537700 5.73229300 1.39404400
H	2.73894500 5.31192800 2.40499300
Н	3.29395900 6.62920400 1.33951400
0	3 08433200 4 73914900 0 39909400
C	0.46886100 5.43875800 0.09147800
ц	0.70863700 4.64142200 -0.58510600
N	0.52805400 - 7.04047000 - 1.67707000
N	0.52805400 7.04047000 1.07797000
IN NI	0.72075600 6.06607200 0.15223200
	1.23130200 0.03433300 1.044/3200
	-1.95992200 5.84915300 -0.6311/800
	-3.04433000 6.85570100 -0.23128100
Н	-2.33861500 4.83//9600 -0.46238500
Н	-1./4205800 5.97436400 -1.69497300

Н	-3.33190200 6.73683800 0.81609200
Н	-2.71048400 7.88280900 -0.39610100
0	-4.15165600 6.48909500 -1.13529900
С	-5.34031100 7.21617900 -0.96793800
С	-5.45232300 8.53501300 -1.41456900
C	-6.43256800 6.59101800 -0.36359100
Ċ	-6 65827100 9 22027200 -1 26977000
ч	-4 60348500 9 01096100 -1 88920800
\hat{c}	764110000 707025700 0004792000
	-7.04110000 7.27223700 -0.22478300
	-0.32450700 5.50890300 -0.02471400
C	-7.76072000 8.59294200 -0.67529100
н	-6./5265100 10.240//100 -1.62204300
Н	-8.49379900 6.78658800 0.23492800
C	-9.05665400 9.32241500 -0.53155600
C	-10.00766500 9.24770300 -1.55293800
С	-9.31069900 10.06870100 0.62254200
С	-10.01496100 8.56576600 -2.82055300
С	-11.98114100 9.69018100 -2.54848600
С	-11.24293600 8.85260300 -3.41860900
Н	-11.57940800 8.49959100 -4.37966000
C	-10 53325100 11 39376100 1 97592300
c	-930672300 1113023300 263157800
с ц	
C	9,5229,5000 11,5058,4200 5,00251100
с г	
r r	-12.88228/00 10.29292400 0.32723100
F	-11.93146400 12.13333700 -0.67231100
C	-7.15626300 9.80203500 2.13618200
н	-/.12445000 8./0/55900 2.13883100
н	-6.41997400 10.14376900 1.40095900
Н	-6.85343100 10.16192500 3.12401/00
C	-8.93921600 7.70356300 -3.42100000
Н	-7.99614600 8.25053800 -3.52029500
Н	-8.73695700 6.82517900 -2.79873700
Н	-9.25067600 7.36199400 -4.41266700
С	-13.34409200 10.28430100 -2.70307700
Н	-13.96237900 9.98221700 -1.85046100
Н	-13.26604000 11.37684200 -2.65915800
Н	-13.80920300 9.97508000 -3.64051300
С	-11.70716500 12.21038300 2.41143800
н	-11.87442200 13.01355000 1.68435200
Н	-12 60445200 11 58186800 2 39306900
н	-11 55415900 12 62805400 3 40791500
R	
N	-10.53228000 10.50922000 -0.24308000
IN NI	11 24110700 0 02447600 1 42670900
IN C	-11.24110700 9.92447000 -1.43079800
C	2.36313800 -5.57783800 -1.54479900
н	2.43421300 -5.21/01400 -2.5/809800
Н	2.99326300 -6.46980600 -1.43963800
0	2./8685600 -4.53645100 -0.60299900
С	0.22770500 -5.34635900 -0.13104700
Н	0.51698100 -4.62163700 0.60521600

Ν	0.17175600 -6.78086600 -1.87040100
Ν	-1.04224000 -6.84218800 -1.29167100
Ν	-0.99811500 -5.93723200 -0.20026500
С	0.94936500 -5.88029700 -1.17749900
С	-2.17911600 -5.76899000 0.65749000
С	-3.33482500 -6.64260800 0.15768200
Н	-2.49893500 -4.72383500 0.64899600
Н	-1.93853200 -6.05892400 1.68365100
Н	-3.63116300 -6.36995800 -0.85814500
Н	-3.06711100 -7.70154700 0.17903000
0	-4.40196900 -6.32993000 1.12785800
С	-5.59552800 -7.05127400 0.96916500
С	-5.68297100 -8.39373700 1.34558800
Ċ	-6.71500900 -6.40055200 0.44758500
C	-6.89040000 -9.07845000 1.21283600
н	
C	-7 92498100 -7 08195900 0.32064800
с ц	-6.62627200 -5.36040700 0.16224800
\hat{c}	-8.01032200 -8.42687500 0.10224800
с u	-0.01952200 -0.42007500 0.09905500 6.06400500 10.11770900 1.51092300
	-0.90490300 -10.11770800 1.31082200
н С	-8./9835400 -0.5//40500 -0.0/560200
C	-9.3148/800 -9.158//900 0.56561300
C	-10.23198/00 -9.13996500 1.62000200
C	-9.60045300 -9.85490200 -0.61218800
C	-10.20183400 -8.51804900 2.91/61100
C	-12.16573500 -9.64991800 2.66022300
C	-11.40590600 -8.84539400 3.54287000
Н	-11.71211300 -8.54147600 4.53044600
С	-10.85390200 -11.13340000 -1.98186100
С	-9.65465300 -10.82336300 -2.66696600
Н	-9.40349800 -11.14805800 -3.66340700
С	-8.86240600 -10.03102200 -1.83502000
F	-13.15672800 -10.13545700 -0.21197200
F	-12.15519600 -12.00492300 0.67794700
С	-7.50665500 -9.48541600 -2.18857800
Н	-7.49175800 -8.39152800 -2.14154500
Н	-6.73787800 -9.84786100 -1.49800300
Н	-7.23613600 -9.79411600 -3.20276400
С	-9.11220800 -7.67608200 3.52165400
Н	-8.16402900 -8.22152000 3.56791800
Н	-8.93319400 -6.77048200 2.93232700
Н	-9.39412200 -7.38003600 4.53652700
С	-13.51516800 -10.26883200 2.83507800
Н	-14.17340100 -9.92473100 2.02944800
н	-13.42698100 -11.35554900 2.72188200
Н	-13 94307000 -10 02209900 3 80808700
C	-12.03241500 -11.94538600 -2.41356800
н	-12.16044100 -12.78726300 -1.72313600
H	-12 93647800 -11 33240100 -2 32830900
н	
R	
U	-11.25100500 -10.00127400 0.50065000

Ν	-10.81856400	-10.55390500	-0.75637800
Ν	-11.46267800	-9.82352900	1.51391800

Compound B-3. Ground state geometry.

S	vm	hol	ic	7-r	na	tri	x٠
2	унн	DOI	IC.	Z-I	пa	ιı	л.

Ćharge =	0 Multiplicity = 1
С	-13.21506500 -0.40521300 -0.61680400
С	-12.81492000 -2.64597800 -0.24559400
С	-11.75734300 1.30255600 -0.79157300
С	-13.08363200 1.80811200 -1.02592800
С	-14.00072000 0.76124000 -0.92238800
С	-10.87846300 -3.70195900 0.21052900
С	-11.94551000 -4.66602700 0.25052400
С	-13.15425400 -4.02759200 -0.02997300
В	-10.71162300 -1.08382900 -0.24483800
F	-10.05402900 -0.79959300 0.96709600
F	-9.82053900 -1.07132300 -1.33462200
С	-14.52245100 -4.54794300 -0.10743900
С	-15.40516700 -4.07838400 -1.10055600
С	-14.99277400 -5.49343200 0.82299000
С	-16.70955900 -4.56221000 -1.17110000
Н	-15.06370800 -3.33199300 -1.80333600
С	-16.30001900 -5.96964100 0.74998500
Н	-14.33965600 -5.83417800 1.61500500
С	-17.16079200 -5.51168600 -0.25087500
Н	-17.37397300 -4.19659100 -1.94505700
Н	-16.64870500 -6.69290000 1.47779400
Н	-18.17569900 -5.88742100 -0.30925600
С	-9.45875800 -3.94558800 0.45855700
С	-8.45251500 -3.39666500 -0.36651300
С	-9.06830200 -4.75873100 1.53682400
С	-7.12005400 -3.68808800 -0.13327100
Н	-8.72957900 -2.71661900 -1.15692800
С	-7.72741800 -5.03786000 1.77950100
Н	-9.81726200 -5.15306300 2.20991300
С	-6.74273500 -4.51765000 0.93316200
Н	-6.34181300 -3.28092300 -0.76462300
Н	-7.46298900 -5.65517600 2.62664800
С	-10.50677300 2.05805300 -0.82371700
С	-9.50921300 1.89360100 0.16232600
С	-10.28198700 2.99047600 -1.85150700
С	-8.35946800 2.66286400 0.13003900
Н	-9.63455900 1.13602100 0.92022400
С	-9.11794100 3.75075000 -1.89235700
Н	-11.01082600 3.10222400 -2.64266100
С	-8.15360300 3.60387500 -0.88975000
Н	-7.59375000 2.55209700 0.88602700
Н	-8.97183600 4.44602700 -2.70748800
С	-15.45816700 0.73828400 -1.07841900
С	-16.25041600 -0.05959600 -0.22883700



C -17.63464900 -0.09358300 -0.38112500 H -15.77307400 -0.65339800 0.53726000 C -17.47509300 1.43531200 -2.24565600 H -15.49337900 2.06469900 -2.78006100 C -18.25259100 0.65558400 -1.38552300 H -17.94627400 2.00546100 -3.03767800 H -19.32990700 0.62818300 -1.50079300 N -11.86558100 -0.13796700 0.52560900 N -11.85658100 -0.37754000 0.35351900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.234186900 -6.5842400 2.18060000 O -5.38179800 -4.75091900 1.07074800 C -2.66939400 +9.1310200 1.1332200 H -5.2172700 6.36491100 2.85831400 N -1.382636300<	С	-16.09066600 1.47787100 -2.09535000
H-15.77307400-0.653398000.53726000C-17.475093001.43531200-2.24565600H-15.493379002.06469900-2.78006100C-18.23069500-0.706394000.28469800H-17.946274002.00546100-3.03767800H-19.329907000.62818300-1.5007300N-13.64554500-1.64686100-0.48349100N-11.42047700-2.48481800-0.11029400N-11.85658100-0.03796700-0.52560900I-11.66668500-6.777540000.35351900I-13.586248003.87746600-1.13827000C-4.91678700-5.547672002.20680500H-5.20354500-5.071308003.15313600H-5.20354500-5.071308003.15313600C-2.66939400-4.913102001.1332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.38236300-5.2737000.72774100C-0.13360400-5.23433001.34631200H-0.2230700-3.801814000.84431100C1.05484000-5.23433001.23300000C-6.701195005.31182200-0.33701000H1.16241000-5.384290002.40713900H-0.1866700-5.38429002.40713900C-6.701195005.3132900-1.85084600C-6.701195005.3132900-0.8318700C<	С	-17.63464900 -0.09358300 -0.38112500
C -17.47509300 1.43531200 -2.24565600 H -15.49337900 2.06469900 -2.78006100 C -18.25259100 0.65558400 -1.38552300 H -17.94627400 2.00546100 -3.03767800 H -17.94627400 2.00546100 -0.48349100 N -13.64554500 -1.64686100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 0.52560900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 G -5.38759800 -4.7591900 1.07074800 C -2.66939400 -4.91310200 1.1332200 H -2.97141000 -4.23728200 0.35676300 N -1.34210700 -6.19175600 2.47545000 N -1.3360400 -5.62343300 1.34631200 H -0.02230700<	Н	-15.77307400 -0.65339800 0.53726000
H-15.493379002.06469900-2.78006100C-18.252591000.65558400-1.38552300H-17.946274002.00546100-3.03767800H-17.946274002.00546100-3.03767800N-13.64554500-1.64686100-0.48349100N-11.42047700-2.48481800-0.11029400N-11.85658100-0.03796700-0.5256900I-11.66668500-6.777540000.35351900I-13.586248003.87746600-1.13827000C-4.91678700-5.547672002.20680500H-5.20354500-5.071308003.15313600H-5.20354500-5.071308003.15313600C-2.66939400-4.913102001.1332200D-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.597237002.05481100C-0.13360400+8.77437000.72774100C1.05484000-5.623433001.34631200H-0.18460700-5.11852300-0.33701000H-0.18460700-5.118523000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.8808200O-6.976282004.32396300-0.33588200H-7.501326005.95086400-0.33588200 <t< td=""><td>С</td><td>-17.47509300 1.43531200 -2.24565600</td></t<>	С	-17.47509300 1.43531200 -2.24565600
C -18.25259100 0.65558400 -1.38552300 H -18.23069500 -0.70639400 0.28469800 H -17.94627400 2.00546100 -3.03767800 N -13.64554500 -1.64686100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.234186900 -6.55842400 2.18060000 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.1332200 H -2.97141000 -4.23728200 0.35676300 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.8743700 0.7274100 C 1.05484000 -5.6343300 1.34631200 H -0.1667433000<	Н	-15.49337900 2.06469900 -2.78006100
H-18.23069500-0.706394000.28469800H-17.946274002.00546100-3.03767800H-19.329907000.62818300-1.50079300N-13.64554500-1.64686100-0.48349100N-11.42047700-2.48481800-0.11029400N-11.85658100-0.03796700-0.52560900I-11.66668500-6.777540000.35351900I-13.586248003.87746600-1.13827000C-4.91678700-5.547672002.20680500H-5.20354500-5.071308003.15313600O-5.38759800-4.750919001.07074800C-2.66939400-4.913102001.1332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.38236300-5.279178001.38930300C-3.43366300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.18460700-5.11852300-0.33701000H0.02230700-3.801814000.84431100H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.8808200O-6.97628200-4.36393000.5231800N-3.653252007.30159700-1.53710800<	C	-18.25259100 0.65558400 -1.38552300
H -17.94627400 2.00546100 -3.03767800 H -19.32990700 0.62818300 -1.50079300 N -13.64554500 -1.64686100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 C -2.66939400 -4.91310200 1.1332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.6343300 1.23300000 C 1.054860700 </td <td>н</td> <td>-18 23069500 -0 70639400 0 28469800</td>	н	-18 23069500 -0 70639400 0 28469800
H -19.32990700 0.62818300 -1.50079300 N -13.64554500 -1.64686100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 C -2.66939400 -4.91310200 1.1332200 O -5.38759800 -4.75091900 1.07074800 C -2.66207200 -6.36491100 2.85831400 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.87743700 0.72774100 C -0.05484000 -5.62343300 1.34631200 H -0.124000 -5.38429000 2.40713900 H -0.1360400 -5.11852300 -0.33701000 H 1.16241000 <td>н</td> <td>-17 9/627/00 2 005/6100 -3 03767800</td>	н	-17 9/627/00 2 005/6100 -3 03767800
N -13.64554500 -1.64686100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.34186900 -6.55842400 2.18060000 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.13332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.27917800 1.34631200 N -1.38236300 -5.27917800 1.34631200 H -0.18460700 -5.11852300 0.33701000 H -0.18460700 -5.11708900 2.40713900 H -1.6241000	Ц	
N -1.3.04334300 -1.040806100 -0.48349100 N -11.42047700 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.34186900 -6.55842400 2.18060000 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.13332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H -0.1360400 -5.11852300 -0.33701000 H -0.18460700<	N	-19.52990700 - 0.02010500 - 1.50079500
N -11.42047/00 -2.48481800 -0.11029400 N -11.85658100 -0.03796700 -0.52560900 I -11.66668500 -6.77754000 0.35351900 I -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.1332200 H -2.97141000 -4.23728200 0.35676300 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 D -1.80963900		
N -11.85658100 -0.03796700 -0.5280900 I -11.66668500 -6.77754000 0.35351900 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.34186900 -6.55842400 2.18060000 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.13332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.8181400 0.84431100 H 0.93797100 -5.70433000 1.23300000 O 2.18096900 -5.11708900 0.56150400 L -6.62147100		
1 -11.66666300 -6.77754000 0.35351900 1 -13.58624800 3.87746600 -1.13827000 C -4.91678700 -5.54767200 2.20680500 H -5.20354500 -5.07130800 3.15313600 H -5.34186900 -6.55842400 2.18060000 O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.13332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.59723700 2.05481100 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 C -6.70119500 <td< td=""><td></td><td></td></td<>		
1-13.586248003.87/46600-1.1382/000C-4.91678700-5.547672002.20680500H-5.20354500-5.071308003.15313600H-5.34186900-6.558424002.18060000O-5.38759800-4.750919001.07074800C-2.66939400-4.913102001.13332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.33588200H-4.824910004.912620000.43365100N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.4493300C<	1	
C-4.916/8/00-5.54/6/2002.20680500H-5.20354500-5.071308003.15313600H-5.34186900-6.558424002.18060000O-5.38759800-4.750919001.07074800C-2.66939400-4.913102001.13332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253005.640890000.58652700H-2.774198006.873301001.51869900H <td< td=""><td></td><td>-13.58624800 3.87746600 -1.13827000</td></td<>		-13.58624800 3.87746600 -1.13827000
H-5.20354500-5.071308003.15313600H-5.34186900-6.558424002.18060000O-5.38759800-4.750919001.07074800C-2.66939400-4.913102001.13332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.64868005.63898400-0.33588200H-4.824910004.912620000.43365100N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H	C	-4.916/8/00 -5.54/6/200 2.20680500
H-5.34186900-6.558424002.18060000O-5.38759800-4.750919001.07074800C-2.66939400-4.913102001.13332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.8808200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-	Н	-5.20354500 -5.07130800 3.15313600
O -5.38759800 -4.75091900 1.07074800 C -2.66939400 -4.91310200 1.13332200 H -2.97141000 -4.23728200 0.35676300 N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.59723700 2.05481100 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 H 0.93797100 -6.70433000 1.23300000 O 2.18096900 -5.11708900 0.56150400 H -6.62147100 4.86408200 -2.84032500 H -7.50102600 6.08174100 -1.85084600 C -4.64866800	Н	-5.34186900 -6.55842400 2.18060000
C-2.66939400-4.913102001.13332200H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253005.640890000.58652700H-2.774198006.878301001.51869900H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-	0	-5.38759800 -4.75091900 1.07074800
H-2.97141000-4.237282000.35676300N-2.62077200-6.364911002.85831400N-1.34210700-6.191756002.47545000N-1.38236300-5.279178001.38930300C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.570310006.46962700-0.39048600C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-	С	-2.66939400 -4.91310200 1.13332200
N -2.62077200 -6.36491100 2.85831400 N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.59723700 2.05481100 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 H 0.93797100 -6.70433000 1.23300000 O 2.18096900 -5.11708900 0.56150400 C -6.70119500 5.33132900 -1.85084600 H -6.62147100 4.86408200 -2.84032500 O -6.97628200 4.32396300 -0.82318700 C -4.64866800 5.63898400 -0.33588200 H -4.82491000 4.91262000 0.43365100 N -3.57031000	Н	-2.97141000 -4.23728200 0.35676300
N -1.34210700 -6.19175600 2.47545000 N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.59723700 2.05481100 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 H 0.93797100 -6.70433000 1.23300000 O 2.18096900 -5.11708900 0.56150400 C -6.70119500 5.33132900 -1.85084600 H -6.62147100 4.86408200 -2.84032500 H -7.50102600 6.08174100 -1.88088200 O -6.97628200 4.32396300 -0.82318700 C -4.64866800 5.63898400 -0.33588200 H -4.82491000 4.91262000 0.43365100 N -3.57031000	Ν	-2.62077200 -6.36491100 2.85831400
N -1.38236300 -5.27917800 1.38930300 C -3.43366300 -5.59723700 2.05481100 C -0.13360400 -4.87743700 0.72774100 C 1.05484000 -5.62343300 1.34631200 H 0.02230700 -3.80181400 0.84431100 H -0.18460700 -5.11852300 -0.33701000 H 1.16241000 -5.38429000 2.40713900 H 0.93797100 -6.70433000 1.23300000 O 2.18096900 -5.11708900 0.56150400 C -6.70119500 5.33132900 -1.85084600 H -6.62147100 4.86408200 -2.84032500 H -7.50102600 6.08174100 -1.88088200 O -6.97628200 4.32396300 -0.33588200 H -4.64866800 5.63898400 -0.33588200 N -4.79433100 6.95492900 -2.16143400 N -3.57031000 6.46962700 0.39048600 C -5.40609400	Ν	-1.34210700 -6.19175600 2.47545000
C-3.43366300-5.597237002.05481100C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.331329001.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.63436801.03293200C9.30456100-9.874275000.02778300C9.30456100-9.874275000.02778300C7.1822	Ν	-1.38236300 -5.27917800 1.38930300
C-0.13360400-4.877437000.72774100C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.0	С	-3.43366300 -5.59723700 2.05481100
C1.05484000-5.623433001.34631200H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	С	-0.13360400 -4.87743700 0.72774100
H0.02230700-3.801814000.84431100H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	С	1.05484000 -5.62343300 1.34631200
H-0.18460700-5.11852300-0.33701000H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-1.896235005.640890000.58652700H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	Н	0.02230700 -3.80181400 0.84431100
H1.16241000-5.384290002.40713900H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	Н	-0.18460700 -5.11852300 -0.33701000
H0.93797100-6.704330001.23300000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	н	1.16241000 -5.38429000 2.40713900
N0.337371000.361330001.2330000O2.18096900-5.117089000.56150400C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	н	0.93797100 -6.70433000 1.23300000
C-6.701195005.33132900-1.85084600H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	0	2 18096900 -5 11708900 0 56150400
H-6.621471004.86408200-2.84032500H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	c	
H-0.021471004.80408200-2.84032300H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	с ц	662147100 4 96409200 2 94022500
H-7.501026006.08174100-1.88088200O-6.976282004.32396300-0.82318700C-4.648668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600		-0.02147100 + 0.00406200 - 2.64052500
C -8.97628200 4.32396300 -0.82318700 C -4.64866800 5.63898400 -0.33588200 H -4.82491000 4.91262000 0.43365100 N -4.79433100 6.95492900 -2.16143400 N -3.65325200 7.30159700 -1.53710800 N -3.57031000 6.46962700 -0.39048600 C -5.40609400 5.95086400 -1.44493300 C -2.42625300 6.59465300 0.52212500 C -1.45540500 7.66737700 0.01403800 H -1.89623500 5.64089000 0.58652700 H -2.77419800 6.87830100 1.51869900 H -1.06694800 7.41205900 -0.97510100 H -1.94176900 8.64497800 -0.03309500 O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 <td< td=""><td></td><td>-7.30102000 0.06174100 -1.66066200</td></td<>		-7.30102000 0.06174100 -1.66066200
C-4.048668005.63898400-0.33588200H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	0	
H-4.824910004.912620000.43365100N-4.794331006.95492900-2.16143400N-3.653252007.30159700-1.53710800N-3.570310006.46962700-0.39048600C-5.406094005.95086400-1.44493300C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	C	-4.64866800 5.63898400 -0.33588200
N -4.79433100 6.95492900 -2.16143400 N -3.65325200 7.30159700 -1.53710800 N -3.57031000 6.46962700 -0.39048600 C -5.40609400 5.95086400 -1.44493300 C -2.42625300 6.59465300 0.52212500 C -1.45540500 7.66737700 0.01403800 H -1.89623500 5.64089000 0.58652700 H -2.77419800 6.87830100 1.51869900 H -1.06694800 7.41205900 -0.97510100 H -1.94176900 8.64497800 -0.03309500 O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	н	-4.82491000 4.91262000 0.43365100
N -3.65325200 7.30159700 -1.53710800 N -3.57031000 6.46962700 -0.39048600 C -5.40609400 5.95086400 -1.44493300 C -2.42625300 6.59465300 0.52212500 C -1.45540500 7.66737700 0.01403800 H -1.89623500 5.64089000 0.58652700 H -2.77419800 6.87830100 1.51869900 H -1.06694800 7.41205900 -0.97510100 H -1.94176900 8.64497800 -0.03309500 O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	N	-4./9433100 6.95492900 -2.16143400
N -3.57031000 6.46962700 -0.39048600 C -5.40609400 5.95086400 -1.44493300 C -2.42625300 6.59465300 0.52212500 C -1.45540500 7.66737700 0.01403800 H -1.89623500 5.64089000 0.58652700 H -2.77419800 6.87830100 1.51869900 H -1.06694800 7.41205900 -0.97510100 H -1.94176900 8.64497800 -0.03309500 O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	N	-3.65325200 /.30159/00 -1.53/10800
C -5.40609400 5.95086400 -1.44493300 C -2.42625300 6.59465300 0.52212500 C -1.45540500 7.66737700 0.01403800 H -1.89623500 5.64089000 0.58652700 H -2.77419800 6.87830100 1.51869900 H -1.06694800 7.41205900 -0.97510100 H -1.94176900 8.64497800 -0.03309500 O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	N	-3.5/031000 6.46962/00 -0.39048600
C-2.426253006.594653000.52212500C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	C	-5.40609400 5.95086400 -1.44493300
C-1.455405007.667377000.01403800H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	C	-2.42625300 6.59465300 0.52212500
H-1.896235005.640890000.58652700H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	С	-1.45540500 7.66737700 0.01403800
H-2.774198006.878301001.51869900H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	Н	-1.89623500 5.64089000 0.58652700
H-1.066948007.41205900-0.97510100H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	Н	-2.77419800 6.87830100 1.51869900
H-1.941769008.64497800-0.03309500O-0.405542007.634368001.03293200C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	Н	-1.06694800 7.41205900 -0.97510100
O -0.40554200 7.63436800 1.03293200 C 9.30456100 -9.87427500 0.02778300 C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	Н	-1.94176900 8.64497800 -0.03309500
C9.30456100-9.874275000.02778300C7.18228600-9.09112600-0.30860200C8.06051400-10.11383000-0.63043600	0	-0.40554200 7.63436800 1.03293200
C 7.18228600 -9.09112600 -0.30860200 C 8.06051400 -10.11383000 -0.63043600	С	9.30456100 -9.87427500 0.02778300
C 8.06051400 -10.11383000 -0.63043600	С	7.18228600 -9.09112600 -0.30860200
	С	8.06051400 -10.11383000 -0.63043600

С	7.89240000 -8.19622100 0.57394800
С	7.47558300 -7.06404100 1.27925300
С	8.34428000 -6.42162400 2.16957500
С	8.14815600 -5.33573300 3.08969600
С	9.35319300 -5.17556800 3.77563500
N	9.19411100 -8.70849200 0.73529800
N	9.67409200 -6.87320300 2.32774400
B	10 36113200 -7 92868500 1 41414000
F	11 14239900 -8 82116200 2 19826900
F	11 17989200 -7 30336000 0 46254100
Ċ	6 07731400 -6 56340100 1 11794600
c	5 77644800 -5 59615000 0 14642900
c	5.04881600 -7.05202900 1.92767000
c	A 47482800 -5 13630300 -0 01033100
с u	6 56848800 5 21070200 0 48482000
п С	2,72817600 6,5026000 1,77522800
	5.7381/000 -0.592850000 1.77522800
П С	5.2/31/800 -7.79834400 2.68107500
C	3.44502500 -5.63361000 0.80169500
н	4.22393800 -4.39358700 -0.75595900
Н	2.96096900 -6.98757600 2.41562800
Н	9.55193100 -4.45255200 4.55001600
Н	7.83427700 -10.96728900 -1.24777000
C	10.49942000 -10.67244800 0.05739100
Н	11.22494200 -10.36413400 0.79817600
C	10.70873300 -11.74636500 -0.73839100
Н	9.94753400 -12.01387900 -1.46880900
С	5.76224100 -8.98450600 -0.79213100
Н	5.05258400 -9.01919500 0.04056700
Н	5.59203300 -8.04037100 -1.31972400
Н	5.54184700 -9.81096500 -1.47467700
С	6.90629300 -4.51770000 3.31337900
Н	6.56497400 -4.04764600 2.38550400
Н	6.08086300 -5.13578800 3.68253300
Н	7.10842900 -3.73317600 4.04912300
С	10.28023200 -6.12644600 3.28867500
С	11.71117900 -6.32695900 3.67748800
Н	11.95447100 -7.38827700 3.60780100
Н	12.36888400 -5.78921900 2.98095400
Н	11.89296500 -5.95230900 4.68796900
С	11.88107800 -12.61338400 -0.73586400
C	12.97307200 -12.41368400 0.15079600
C	11.93291800 -13.68945500 -1.64165100
C	14 08192200 -13 24559800 0 15022300
Н	12 93874100 -11 58741900 0 84954500
C	13 03709600 -14 53546000 -1 65959900
н	11 10561100 -13 85357400 -2 32408800
C	14 12010300 -14 30001600 -0 75017700
ч	14 89386500 -13 07015800 0 84471700
C	
c	
	12 74004200 16 40074500 2 47710100
C	12./4004200 -10.400/4500 -3.4//10100

С	15.29592800 -17.25183400 -2.54960600
С	13.37736900 -17.51215500 -4.03624600
Н	11.77543200 -16.08145000 -3.83352300
С	14.63734300 -17.93075200 -3.57457100
Н	16.26274100 -17.58915400 -2.19745100
Н	15.10661900 -18.79985100 -4.02071900
Ν	15.09821100 -15.27444100 -0.97845300
С	16.36102000 -15.39723000 -0.24869200
Н	16.28094200 -16.10892400 0.58133000
Н	17.14532800 -15.73142400 -0.93368500
н	16.64486900 -14.41865300 0.14496300
Н	12.89199200 -18.06233600 -4.83331500
C	7 36938700 11 15929200 -0.08541800
C	5 61858300 9 69317500 -0 20726000
C	6 96173900 9 85741500 -0 50648700
C	5 17983700 10 91678300 0 42028000
C	3 963 29900 11 27395400 1 00792100
C	3.90329900 11.27393400 1.00792100
C	3.82218800 12.5080/100 1.05440900
C	2.74985900 13.07274200 2.42635800
C	3.20296500 14.31007800 2.88727500
N	6.28321300 11./9140300 0.45535/00
N	4.88/18800 13.43656000 1.6/044100
В	6.18752100 13.30253500 0.82709100
F	7.31713300 13.67875400 1.60416700
F	6.12007600 14.10864700 -0.31885700
С	2.81420400 10.31968900 0.98604400
С	1.87140700 10.37212200 -0.04351900
С	2.65785400 9.36474100 2.00309200
С	0.78629600 9.49161100 -0.06603500
Н	1.98400800 11.10678000 -0.83235600
С	1.58090400 8.48769600 1.98629800
Н	3.38401500 9.31809300 2.80630000
С	0.63490600 8.54667000 0.95220400
Н	0.07150700 9.55263100 -0.87558100
Н	1.44253600 7.74756100 2.76327700
Н	2.65099900 14.99739000 3.50764700
Н	7.60259600 9.11632200 -0.95461400
C	8.66648400 11.77701900 -0.12650800
H	8 74229100 12 69600400 0 43906300
C	9 72984200 11 25608900 -0 78080200
н	960189500 1032672000 -133250900
C	A 81396100 8 45329100 -0 48333000
L L	4.45282800 7.00562000 0.44221500
	4.43283800 7.99302000 0.44331300
	5.95405500 8.07959400 -1.09401500
	5.45152500 7.72551100 -1.01576600
	1.39904500 12.4804/200 2./2016/00
Н	0.85481200 12.25015500 1./9864900
Н	1.48491900 11.54563/00 3.28424800
Н	0.80664400 13.18779400 3.30865700
C	4.51651600 14.51813800 2.40617400
С	5.40852600 15.70507900 2.58914300

Н	6.44352700	15.36624200	2.65635100
Н	5.33446600	16.36768500	1.71600000
Н	5.12501300	16.26913400	3.48117400
C	11.07257700	11.82099000	-0.84346600
C	11.41506100	13.04214000	-0.20299400
С	12.06594600	11.13398700	-1.56607700
C	12.69390900	13.57286200	-0.26920500
Н	10.65470500	13.57611800	0.35274400
C	13.35563800	11.64958000	-1.64547600
Н	11.81757100	10.20048400	-2.05999200
C	13.66963000	12.88010600	-0.99527500
Н	12.92301600	14.50267800	0.23591700
C	14.57586300	11.19715200	-2.29460700
C	15.57515500	12.17288400	-2.01053500
C	14.89816800	10.08190700	-3.07129800
C	16.87898200	12.03482200	-2.48855600
C	16.19954900	9.94606200	-3.55299100
Н	14.14736600	9.33293300	-3.29569300
C	17.17696100	10.91363300	-3.26281200
Н	17.64234000	12.76974200	-2.26532900
Н	18.18310000	10.78613900	-3.64491200
Ν	15.00658300	13.18636500	-1.23154200
C	15.72367800	14.35808700	-0.72672300
Н	16.30026700	14.12059600	0.17492600
Н	16.40270500	14.73173000	-1.49876300
Н	15.00400700	15.14553700	-0.49353700
Н	16.46387900	9.08572100	-4.15596100

Compound B-3. Triplet state geometry.

Symbolic Z-matrix:

Charge = 0 Multiplicity = 3

C	-12.89720900	-0.12304400	0.89754900
С	-12.73036000	2.13241000	0.45149400
С	-11.30061700	-1.72589400	0.96942500
С	-12.54791400	-2.31933300	1.33893900
С	-13.55646300	-1.35323700	1.31893700
С	-10.92266800	3.39496300	-0.05817100
С	-12.08351200	4.22619300	-0.13095600
С	-13.22295400	3.47489000	0.16669900
В	-10.52355600	0.77873300	0.39087900
F	-9.88174400	0.60212100	-0.85423200



F	-9.58450600 0.80191000 1.44476700
С	-14.63784200 3.83858800 0.21170300
С	-15.49511800 3.26033600 1.17354600
С	-15.18743300 4.74447200 -0.71876900
С	-16.84360400 3.60472900 1.21648600
Н	-15.09737800 2.53077800 1.86317000
С	-16.53823000 5.07874800 -0.67341300
Н	-14.55850100 5.16249100 -1.49272200
С	-17.37085600 4.51773300 0.29901300
Н	-17.48430400 3.15695500 1.96714800
Н	-16.94374100 5.77074800 -1.40229400
Н	-18.42119400 4.78267900 0.33493100
С	-9.54194000 3.74819700 -0.32060500
С	-8.47759800 3.24144900 0.46680900
С	-9.22342800 4.63375400 -1.37287000
С	-7.17776600 3.64423200 0.23191000
Н	-8.68864900 2.50987100 1.23116900
С	-7.91321100 5.02386200 -1.61698000
H	-10.00731100 4.98878000 -2.02671200
C	-6.87895800 4.54578800 -0.80305600
H	-6.36132400 3.27276300 0.83652100
Н	-7.70618800 5.69013400 -2.44303800
C	-9 99455500 -2 34901400 0 89458800
c	-9.06973400 -2.03210500 -0.13229100
C	-961525000 -3 31672900 185021800
C	-7 85973100 -2 69255000 -0 21520200
H	-9.30732300 -1.24605100 -0.83197100
C	-8 39102100 -3 96721300 1 77344700
H	-10.27208700 -3.53166800 2.68095800
C	-7 50896800 -3 67493200 0 72576200
н	-7 15517500 -2 46777600 -1 00463400
Н	-8.12847500 -4.68812000 2.53515900
C	-14 98211800 -1 43723500 1 63009700
c	-15 92076200 -0.67385400 0.90167300
C	-15 45131900 -2 25327100 2 68019700
C	-17 27905700 -0 75397000 1 19755400
H	-15 57137800 -0.01010500 0.12489200
C	-16.81046700 -2.32320700 -2.97385300
H	-14.74483200 -2.80951700 3.28092000
C	-17 73159800 -1 58126700 2 22903600
н	-17 98520700 -0 16700300 0 62194500
Н	-17.15076000 -2.95007000 3.78981600
н	-18 78956700 -1 64056000 2 45680000
N	-13 48452400 1 07147800 0 76070600
N	-11 35623500 2 10664200 0 32742400
N	-11 55619700 -0 36653200 0.67909200
	-12 03163800 6 35656000 -0 26846700
I	-12 88400400 -4 42305500 1 48819200
Ċ	-5 14751000 5 76216000 -2 04869800
н	-5,41430300 5,30916400 -3,01192100
н	-5.64016100 6.73878100 -1.07075000
	5.51010100 0.75070100 1.57075000

0	-5.54957500	4.88422600	-0.94475400
С	-2.85196700	5.22716200	-1.02510900
Н	-3.10064300	4.50141000	-0.27514000
Ν	-2.91540900	6.75045700	-2.68687300
Ν	-1.62324800	6.63944300	-2.32630900
Ν	-1.59317100	5.68064800	-1.28060300
С	-3.66902400	5.90175400	-1.90761800
С	-0.31467900	5.32855200	-0.64813600
С	0.82126800	6.16693400	-1.24658800
н	-0.09682100	4.26977700	-0.81047800
Н	-0.36740600	5.52256100	0.42608400
Н	0.92567200	5.98225400	-2.31857300
н	0.64801300	7 23356900	-1 08179800
0	1 98368800	5 68651800	-0 49957400
C	-5.85200200	-5 32260400	1 47759900
с ц	-5.71533000	-1.00376000	2 48210000
п	-5.71555000	-4.90370900	1 52019000
	-0.59595000	-0.12/06900	1.55016400
0	-0.28420400	-4.28083500	0.54015500
	-3.92821200	-5.4096/300	-0.22597500
Н	-4.21398700	-4.65563200	-0.93356300
N	-3.8316/300	-6.83033200	1.52297700
N	-2./336/000	-7.06940100	0.78164900
N	-2.80199200	-6.17148100	-0.31436900
C	-4.56279000	-5.82918200	0.92392800
C	-1.74808800	-6.18765000	-1.33809200
C	-0.68530600	-7.23741100	-0.99345000
Н	-1.27179700	-5.20579700	-1.39832500
Н	-2.17928500	-6.43489700	-2.31164200
Н	-0.18861400	-7.01214100	-0.04685000
Н	-1.13326600	-8.23102900	-0.93370400
0	0.24713500	-7.11402600	-2.12512300
С	8.92958800	10.72216700	0.11264600
С	6.84310900	9.85276700	0.45944500
С	7.69304900	10.89130700	0.80564800
С	7.56368200	9.01949000	-0.47373000
С	7.17114900	7.90243600	-1.21590400
C	8.04189600	7.32764100	-2.14963000
C	7.86472000	6.27074500	-3.10694700
C	9.05929800	6.18158500	-3.82355200
N	8 84322300	9 58342400	-0 64059400
N	935054400	7 83371400	-2 31813300
R	10 02078900	8 87795600	-1 37989300
E	10.74588400	0.07795000	-7 14644200
I E	10.74500400	9.03093000	-2.14044200
r C	E 70710600	7 24175500	1 04592700
C C	5.79710000	7.34173300	-1.04363700
	J.JJ/020UU	0.52151200 7.01705000	1 01626500
	4./331/800	7.01/05000	-1.01020500
	4.20138600	5./9538100	0.04418500
Н	0.3//94400	5.94536500	0.48/64300
C	3.44//0500	7.29215600	-1.66382500
Н	4.91070300	8.60427000	-2.54079600

C	3.21643100	6.27754700 -	0.73073800
Н	4.07788300	5.00953700	0.75941900
Н	2.64224300	7.67740000	-2.27445600
Н	9.26684000	5.49606100	-4.62911300
Н	7.45181700	11.71090000	1.46206700
С	10.09590300	11.56163800	0.09036200
Н	10.81087900	11.31143900	-0.68191000
С	10.29152300	12.60517000	0.92892200
Н	9.54226600	12.81379900	1.69023200
С	5.43815300	9.67852600	0.96706700
н	4.71090700	9.70679000	0.14957700
н	5.31482000	8.71569600	1.47392100
Н	5.20021800	10.47814700	1.67522100
C	6.64942100	5.41542900 -	3.33685000
н	6 34331200	4 90146600	-2 42005100
н	5 79497400	6.01463600	-3 66941700
н	6 86620400	4 66499300	-4 10331900
C	0.00020400	7 1 4 7 0 5 2 0 0	3 31061300
c	11 37567400	7 / 1 / 20300	-3 720/0600
L L	11.57507400	0 10227500	2 620949000
	12.06724200	6,9000700	-3.03904000
	12.00/34200	0.88989700	-3.05649400
п С	11.35345500	7.07007100	-4./5110100
C	11.43549000	13.50941300	0.93559800
C	12.50852700	13.38340900	0.01301300
C	11.4/862800	14.54612/00	1.886/4500
C	13.59092/00	14.24931000	0.02162/00
Н	12.48026000	12.58776500	-0.72053800
C	12.55644400	15.42542300	1.91350700
Н	10.66534500	14.65382800	2.59677800
C	13.62072200	15.27282100	0.97595100
Н	14.38878600	14.13071900	-0.70067200
C	12.89381600	16.57013500	2.74476600
C	14.14621600	17.06194100	2.27400200
C	12.26061200	17.20122500	3.81789300
С	14.75296900	18.17365100	2.86007000
С	12.86986900	18.30808100	4.40736600
Н	11.30897900	16.83542200	4.18602000
С	14.10240400	18.78691500	3.93047300
Н	15.69808900	18.55772300	2.49710400
Н	14.55634500	19.65143500	4.40072400
Ν	14.57413600	16.25858800	1.21117200
С	15.81076800	16.45065800	0.45214500
Н	15.67378700	17.15941800	-0.37298300
Н	16.59099600	16.82471900	1.12051000
н	16.13832300	15.48971200	0.04837400
н	12.38987200	18.80807800	5.23996100
C	7.24833100	-11.72632000	-0.13463700
C	5.38377000	10.41879100	0.07488300
Ċ	6.46038700	-10.94892000	0.76744700
Ċ	5.50585600	-10.86972200	-1.29122200
C	4 76789300	-10 56643800	-2 43820900
-			2.13020300

С	5.16133500 -11.05886900 -3.68845300
С	4.67047000 -10.81509700 -5.01670500
С	5.50732200 -11.52012200 -5.88313200
Ν	6.65303500 -11.68324200 -1.36556800
Ν	6.27766000 -11.91830300 -3.80240700
B	7 01333300 -12 57054800 -2 59620300
F	8 41893900 -12 54960200 -2 80882900
F	6 58783300 -13 89412000 -2 41210400
C I	2 57469000 0 67214200 2 24020700
C	2.20007500 10.21400100 2.12201000
C	2.3008/500 -10.21409100 -2.13301800
C	3./1505900 -8.28281300 -2.45623600
C	1.18312800 -9.38416000 -2.04511300
Н	2.18752200 -11.28828800 -2.04496600
С	2.60093400 -7.45240400 -2.35844600
Н	4.69995900 -7.85819000 -2.61210900
С	1.32867600 -7.99945900 -2.16667400
Н	0.20256400 -9.81791500 -1.89642200
Н	2.69162800 -6.37732500 -2.44021800
Н	5.42962900 -11.54831000 -6.95785900
Н	6 68533900 -10 77956800 1 80732900
C	8 48481200 -12 42336800 0 09020800
ц	8 97284500 -12 77161400 -0.81022000
C	0.02267200 12.60940500 1.21242200
с u	9.03207200 -12.00840300 1.31343300
	6.50105000 -12.25460200 2.16066500
C	4.32184700 -9.53436000 0.66779000
н	4.31139/00 -8.54/51800 0.19430200
Н	3.32525000 -9.96/06500 0.53219600
Н	4.50353600 -9.40646000 1.73922500
C	3.50181100 -9.96789300 -5.43895300
Н	2.57424800 -10.29954400 -4.96112100
Н	3.64660600 -8.91764600 -5.16451600
Н	3.37587400 -10.02850200 -6.52429300
С	6.48506400 -12.19661500 -5.11701000
С	7.57451400 -13.11054000 -5.58257000
Н	8.43767400 -13.00086900 -4.92445000
Н	7.24065500 -14.15544200 -5.52185200
Н	7.84567100 -12.89158700 -6.61849500
C	10.29284400 -13.27890700 1.60943800
C	11 10929000 -13 84737900 0 59516900
C	10 71840400 -13 36444900 2 94834800
c	
с u	10 79551100 12 79617000 0.00503400
	10.76551100 -13.76017000 -0.45010000
C	11.91834400 -13.99462700 3.26156500
H	10.10431800 -12.93414/00 3./324/500
C	12./1659300 -14.55869300 2.22225100
Н	12.91049800 -14.89632300 0.08816700
C	12.62180000 -14.24326400 4.50991000
С	13.81474300 -14.94667600 4.17306900
С	12.34986400 -13.94021700 5.84593600
С	14.72757200 -15.33504700 5.15468500
C	13.25902600 -14.33284700 6.82734800

11506200
18187200
90075500
26058200
78727800
)5842800
37154300
53654800
10356500
36765600