

Supporting information for

Solvation of Serine-based Model Peptides and the Role of the Intramolecular OH··O Hydrogen Bond

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1. Conformational analysis of **1**

Table S1. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of the computed conformers of **1** sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or t/g+/g- (α/β).

| | $\phi_{Ser} =$ (CC α NC) | $\psi_{Ser} =$ (NCC α N) | $\alpha =$ (NC α CO) | $\beta =$ (C α COH) | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|--------|------------------------------------|------------------------------------|--------------------------------|-------------------------------|-------------------|-------------------|-------------------|-------------------|
| 1_c1a | -83.0 | 73.8 | 58.7 | 61.4 | 0.0 ^{a)} | 0.0 ^{a)} | 56.3 | 30.2 |
| 1_c4b | -127.7 | 17.2 | -171.6 | -48.6 | 1.20 | 0.83 | 7.4 | 7.4 |
| 1_c9a | -151.3 | -175.3 | -168.7 | 79.2 | 1.30 | 1.03 | 6.3 | 5.3 |
| 1_c5a | -124.3 | 17.4 | 60.5 | 80.0 | 1.33 | 0.22 | 6.0 | 20.8 |
| 1_c2b | -84.2 | 63.4 | -179.7 | -63.7 | 1.44 | 1.39 | 4.9 | 2.9 |
| 1_c10a | -166.7 | 164.7 | -80.7 | 40.8 | 1.46 | 1.09 | 4.8 | 4.8 |
| 1_c5c | -110.9 | 2.4 | 55.3 | -178.3 | 1.56 | 0.70 | 4.0 | 9.3 |
| 1_c9c | -149.3 | -176.5 | -166.7 | -174.6 | 1.65 | 1.33 | 3.4 | 3.2 |
| 1_c11b | -146.7 | 171.0 | 62.3 | -59.7 | 2.28 | 1.65 | 1.2 | 1.9 |
| 1_c12a | -107.5 | 148.1 | -60.5 | 55.8 | 2.34 | 1.17 | 1.1 | 4.2 |
| 1_c8b | -147.1 | 158.8 | -173.6 | -85.3 | 2.41 | 1.19 | 1.0 | 4.0 |
| 1_c6b | -85.3 | -17.2 | -56.4 | -70.5 | 2.68 | 2.17 | 0.6 | 0.8 |
| 1_c14b | 76.8 | -122.2 | 79.9 | -52.6 | 2.96 | 2.90 | 0.4 | 0.2 |
| 1_c6a | -110.1 | 4.9 | -65.5 | 62.4 | 3.08 | 2.05 | 0.3 | 0.9 |
| 1_c3a | -83.6 | 77.3 | -65.2 | 56.2 | 3.09 | 2.61 | 0.3 | 0.4 |
| 1_c18b | 68.0 | 29.7 | -166.5 | -58.1 | 3.11 | 2.87 | 0.3 | 0.2 |
| 1_c6c | -86.2 | -14.9 | -58.5 | 179.5 | 3.14 | 2.46 | 0.3 | 0.5 |
| 1_c3c | -87.9 | 68.7 | -60.7 | 178.5 | 3.17 | 2.46 | 0.3 | 0.5 |
| 1_c3b | -87.3 | 70.7 | -55.8 | -68.0 | 3.18 | 2.49 | 0.3 | 0.5 |
| 1_c11c | -147.0 | 167.6 | 67.0 | -168.5 | 3.43 | 2.53 | 0.2 | 0.4 |
| 1_c1c | -84.1 | 48.3 | 49.3 | 179.6 | 3.55 | 3.45 | 0.1 | 0.1 |
| 1_c21b | 98.0 | -14.3 | 78.4 | -63.2 | 3.86 | 3.48 | 0.1 | 0.1 |
| 1_c22b | 75.5 | -38.8 | 80.4 | -52.0 | 3.92 | 4.20 | 0.1 | 0.0 |
| 1_c12c | -103.4 | 127.5 | -67.4 | 172.3 | 3.93 | 2.15 | 0.1 | 0.8 |
| 1_c13c | -83.3 | 163.1 | 61.5 | -171.2 | 4.03 | 2.77 | 0.1 | 0.3 |
| 1_c23a | 71.2 | -51.4 | -61.3 | 69.0 | 4.24 | 3.73 | 0.0 | 0.1 |
| 1_c25c | -120.5 | -89.9 | 58.2 | -178.4 | 4.34 | 2.97 | 0.0 | 0.2 |
| 1_c25b | -135.5 | -87.7 | 58.3 | -68.8 | 4.39 | 3.75 | 0.0 | 0.1 |
| 1_c23c | 76.8 | -49.7 | -61.9 | 173.1 | 4.62 | 4.21 | 0.0 | 0.0 |
| 1_c23b | 76.3 | -49.1 | -59.4 | -73.3 | 4.66 | 4.49 | 0.0 | 0.0 |
| 1_c15b | 70.0 | 175.4 | 83.8 | -54.2 | 4.68 | 4.78 | 0.0 | 0.0 |
| 1_c24b | 70.7 | -17.3 | -162.3 | -41.2 | 4.71 | 3.70 | 0.0 | 0.1 |
| 1_c26a | 167.2 | -32.8 | -82.0 | 63.2 | 4.72 | 4.19 | 0.0 | 0.0 |
| 1_c19a | 69.7 | 24.0 | -60.6 | 73.8 | 4.91 | 4.16 | 0.0 | 0.0 |
| 1_c19c | 71.2 | 26.9 | -59.6 | 177.2 | 4.95 | 4.34 | 0.0 | 0.0 |
| 1_c16c | 62.3 | -164.2 | -160.2 | -173.4 | 5.27 | 5.01 | 0.0 | 0.0 |
| 1_c19b | 72.2 | 23.8 | -58.5 | -79.7 | 5.42 | 4.84 | 0.0 | 0.0 |
| 1_c16a | 61.0 | -160.8 | -166.0 | 70.7 | 5.52 | 5.54 | 0.0 | 0.0 |
| 1_c24a | 73.3 | -60.7 | -178.2 | 63.1 | 5.53 | 5.26 | 0.0 | 0.0 |
| 1_c20a | 50.3 | 51.0 | 67.3 | 59.3 | 5.92 | 5.95 | 0.0 | 0.0 |
| 1_c24c | 74.1 | -65.0 | -168.8 | -165.7 | 5.96 | 5.88 | 0.0 | 0.0 |
| 1_c17a | 53.7 | -143.9 | -56.9 | 55.0 | 6.46 | 5.95 | 0.0 | 0.0 |
| 1_c7c | -78.5 | -32.9 | -176.6 | -177.7 | 6.77 | 5.75 | 0.0 | 0.0 |
| 1_c22a | 64.0 | -37.8 | 59.7 | 61.5 | 7.23 | 6.90 | 0.0 | 0.0 |
| 1_c26b | -169.1 | -22.3 | -170.2 | -42.6 | 7.25 | 7.29 | 0.0 | 0.0 |
| 1_c17c | 60.1 | -125.6 | -62.8 | 174.0 | 7.71 | 6.41 | 0.0 | 0.0 |
| 1_c18a | 69.4 | 34.3 | -145.8 | 74.8 | 7.94 | 7.24 | 0.0 | 0.0 |
| 1_c22c | 62.6 | -31.1 | 70.2 | 178.0 | 7.97 | 7.83 | 0.0 | 0.0 |
| 1_c14c | 41.4 | -119.7 | 69.0 | -177.6 | 8.34 | 8.41 | 0.0 | 0.0 |
| 1_c20c | 57.4 | 35.8 | 55.7 | 173.3 | 9.49 | 9.35 | 0.0 | 0.0 |

^{a)} referenced to E = -764.057414 hartree and G = -764.103747 hartree.

Table S2. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of the 25 lowest energy conformers of $\mathbf{1}\cdots(\text{DMSO})_1$ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+/-g-$ (α/β). The torsional angle definitions and conformer numbers are the same as used in Tab. S1.

| | ϕ_{Ser} | ψ_{Ser} | α | β | Solvated H | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|---|---------------------|---------------------|----------|---------|--------------|-------------------|-------------------|-------------------|-------------------|
| 1_c5b_(DMSO) ₁ | -91.4 | -10.2 | 67.4 | -74.5 | BocNH / OH | 0.0 ^{a)} | 1.27 | 24.5 | 5.8 |
| 1_c5c_(DMSO) ₁ | -103.1 | -3.7 | 55.7 | -169.6 | OH | 0.45 | 0.0 ^{a)} | 11.6 | 49.8 |
| 1_c9c_(DMSO) ₁ | -148.4 | -174.4 | -166.6 | -166.7 | OH | 0.57 | 1.09 | 9.4 | 8.0 |
| 1_c6a_(DMSO) ₁ | -82.0 | -20.6 | -63.5 | 83.6 | BocNH / OH | 0.60 | 1.73 | 9.0 | 2.7 |
| 1_c9a_(DMSO) ₁ | -149.6 | -174.2 | -172.1 | 82.3 | OH | 0.67 | 1.68 | 7.9 | 2.9 |
| 1_c5a_(DMSO) ₁ | -99.9 | -6.1 | 49.2 | 89.7 | OH | 0.70 | 1.54 | 7.5 | 3.7 |
| 1_c9c_(DMSO) ₁ | -148.7 | -174.2 | -166.4 | -169.2 | OH | 0.90 | 1.59 | 5.4 | 3.4 |
| 1_c8a_(DMSO) ₁ | -138.2 | 146.3 | 177.5 | 47.4 | OH | 1.05 | 2.60 | 4.2 | 0.6 |
| 1_c6b_(DMSO) ₁ | -79.9 | -23.2 | -53.2 | -73.2 | OH | 1.24 | 1.29 | 3.0 | 5.7 |
| 1_c6c_(DMSO) ₁ | -81.4 | -21.7 | -58.1 | 171.3 | OH | 1.47 | 1.22 | 2.1 | 6.4 |
| 1_c10a_(DMSO) ₁ | -166.1 | 160.9 | -78.4 | 37.3 | NH | 1.64 | 3.44 | 1.5 | 0.1 |
| 1_c4b_(DMSO) ₁ | -125.3 | 16.7 | -171.2 | -48.2 | BocNH | 1.80 | 2.90 | 1.2 | 0.4 |
| 1_c5a_(DMSO) ₁ ^{b)} | -96.2 | -8.8 | 49.0 | 89.6 | OH | 1.82 | 2.75 | 1.1 | 0.5 |
| 1_c13b_(DMSO) ₁ | -78.0 | 159.9 | 73.2 | -64.5 | OH | 1.85 | 3.94 | 1.1 | 0.1 |
| 1_c13a_(DMSO) ₁ | -92.1 | 115.3 | 56.6 | 47.7 | NHPr | 2.12 | 3.39 | 0.7 | 0.2 |
| 1_c3a_(DMSO) ₁ | -86.5 | 73.1 | -62.1 | -68.1 | BocNH | 2.14 | 3.35 | 0.7 | 0.2 |
| 1_c13c_(DMSO) ₁ | -75.5 | 163.5 | 59.4 | -170.9 | OH | 2.19 | 2.47 | 0.6 | 0.8 |
| 1_c11c_(DMSO) ₁ | -144.4 | 166.3 | 66.0 | -172.2 | OH | 2.22 | 2.73 | 0.6 | 0.5 |
| 1_c25c_(DMSO) ₁ | -110.2 | -91.4 | 57.5 | -178.9 | OH | 2.24 | 2.80 | 0.6 | 0.4 |
| 1_c4Xb_(DMSO) ₁ | -125.6 | -6.0 | -169.9 | -39.0 | BocNH | 2.28 | 3.09 | 0.5 | 0.3 |
| 1_c12a_(DMSO) ₁ | -117.1 | 146.8 | -64.6 | 89.4 | OH | 2.29 | 2.25 | 0.5 | 1.1 |
| 1_c25b_(DMSO) ₁ | -108.3 | -96.6 | 67.0 | -65.5 | BocNH / OH | 2.30 | 3.93 | 0.5 | 0.1 |
| 1_c4b_(DMSO) ₁ | -127.7 | -7.2 | -169.8 | -38.4 | NPrH / BocNH | 2.33 | 3.34 | 0.5 | 0.2 |
| 1_c25b_(DMSO) ₁ | -107.5 | -99.2 | 67.7 | -63.7 | BocNH / OH | 2.34 | 4.25 | 0.5 | 0.0 |
| 1_c12a_(DMSO) ₁ | -111.3 | 149.0 | -59.6 | 58.2 | NPrH | 2.37 | 2.47 | 0.4 | 0.8 |
| 1_c11b_(DMSO) ₁ | -146.7 | 167.5 | 61.1 | -60.9 | NPrH | 2.40 | 3.07 | 0.4 | 0.3 |
| 1_c6a_(DMSO) ₁ | -96.6 | -30.4 | -62.9 | 57.2 | NPrH/BocNH | 2.59 | 3.58 | 0.3 | 0.1 |
| 1_c12c_(DMSO) ₁ | -118.8 | 144.3 | -66.7 | 171.5 | OH | 2.60 | 1.78 | 0.3 | 2.4 |
| 1_c13a_(DMSO) ₁ | -82.3 | 124.3 | 56.3 | 46.7 | NPrH | 2.72 | 4.49 | 0.2 | 0.0 |
| 1_c3b_(DMSO) ₁ | -87.0 | 71.7 | -65.3 | 177.1 | BocNH | 2.80 | 3.07 | 0.2 | 0.3 |

^{a)} referenced to E = -1317.2429 hartree and G = -1317.30348 hartree

^{b)} Boc group in cis-conformation

Table S3. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of the 30 lowest energy conformers of **1**·(DMSO)₂ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+g-$ (α/β). The torsional angle definitions are those used in Tab. S1.

| | ϕ_{Ser} | ψ_{Ser} | α | β | Solvated H | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|----------------------------|--------------|--------------|----------|---------|-----------------|-------------------|-------------------|-------------------|-------------------|
| 1_c5c_(DMSO) ₂ | -100.6 | -20.1 | 62.1 | 176.4 | OH + NPrH/BocNH | 0.0 ^{a)} | 2.80 | 7.8 | 0.3 |
| 1_c13b_(DMSO) ₂ | -77.7 | 159.3 | 73.2 | -64.5 | OH/BocNH + NPrH | 0.01 | 1.95 | 7.6 | 1.1 |
| 1_c8c_(DMSO) ₂ | -143.2 | 132.3 | -177.7 | -178.5 | OH + NPrH | 0.07 | 0.0 ^{a)} | 6.9 | 30.0 |
| 1_c5c_(DMSO) ₂ | -104.7 | -21.1 | 62.6 | -171.2 | OH + NPrH/BocNH | 0.13 | 2.24 | 6.2 | 0.7 |
| 1_c11c_(DMSO) ₂ | -145.0 | 163.8 | 65.9 | -173.3 | OH + NPrH | 0.19 | 0.18 | 5.7 | 22.3 |
| 1_c11b_(DMSO) ₂ | -147.4 | 164.9 | 66.6 | -86.0 | OH + NPrH | 0.24 | 1.80 | 5.2 | 1.4 |
| 1_c8c_(DMSO) ₂ | -145.4 | 137.5 | -175.5 | -171.8 | OH + NPrH | 0.31 | 1.53 | 4.6 | 2.3 |
| 1_c5c_(DMSO) ₂ | -105.0 | -16.7 | 63.0 | -174.5 | OH + NPrH/BocNH | 0.44 | 2.58 | 3.7 | 0.4 |
| 1_c12c_(DMSO) ₂ | -120.0 | 145.3 | -66.9 | 165.4 | OH + NPrH | 0.47 | 0.34 | 3.5 | 16.8 |
| 1_c8b_(DMSO) ₂ | -138.0 | 133.6 | -172.8 | -95.4 | OH + NPrH | 0.48 | 1.66 | 3.5 | 1.8 |
| 1_c6b_(DMSO) ₂ | -98.8 | -8.8 | -61.8 | -76.0 | OH + BocNH | 0.51 | 0.93 | 3.3 | 6.2 |
| 1_c6a_(DMSO) ₂ | -78.9 | -26.1 | -64.2 | 80.9 | OH/BocNH + NPrH | 0.51 | 3.20 | 3.3 | 0.1 |
| 1_c13c_(DMSO) ₂ | -74.5 | 161.9 | 58.7 | -170.8 | OH + NPrH | 0.52 | 0.88 | 3.2 | 6.8 |
| 1_c6a_(DMSO) ₂ | -92.9 | -32.6 | -68.1 | 89.7 | OH + NPrH/BocNH | 0.55 | 2.81 | 3.1 | 0.3 |
| 1_c5c_(DMSO) ₂ | -109.9 | -0.5 | 63.5 | -177.2 | OH + BocNH | 0.58 | 2.04 | 2.9 | 1.0 |
| 1_c8a_(DMSO) ₂ | -136.4 | 123.6 | 179.7 | 92.0 | OH + NPrH | 0.61 | 2.26 | 2.8 | 0.7 |
| 1_c9a_(DMSO) ₂ | -107.5 | -165.1 | -172.0 | 76.0 | OH + BocNH | 0.70 | 2.55 | 2.4 | 0.4 |
| 1_c5c_(DMSO) ₂ | -102.6 | -2.9 | 64.0 | -179.6 | OH + BocNH | 0.72 | 2.66 | 2.3 | 0.3 |
| 1_c5a_(DMSO) ₂ | -100.0 | -20.2 | 56.6 | 94.3 | OH + NPrH/BocNH | 0.76 | 3.32 | 2.2 | 0.1 |
| 1_c9c_(DMSO) ₂ | -108.0 | -166.6 | -167.0 | -166.9 | OH + BocNH | 0.77 | 2.55 | 2.1 | 0.4 |
| 1_c8b_(DMSO) ₂ | -139.0 | 133.5 | -172.7 | -95.5 | OH + NPrH | 0.83 | 2.72 | 1.9 | 0.3 |
| 1_c6c_(DMSO) ₂ | -102.5 | -4.6 | -64.1 | -174.6 | OH + BocNH | 0.85 | 1.78 | 1.9 | 1.5 |
| 1_c6a_(DMSO) ₂ | -105.4 | -2.8 | -68.8 | 87.7 | OH + BocNH | 0.93 | 3.48 | 1.6 | 0.1 |
| 1_c6b_(DMSO) ₂ | -76.1 | -29.6 | -54.6 | -76.5 | OH + NPrH | 0.97 | 2.73 | 1.5 | 0.3 |
| 1_c5a_(DMSO) ₂ | -98.1 | -6.4 | 63.8 | 106.2 | OH + BocNH | 1.08 | 3.02 | 1.3 | 0.2 |
| 1_c7c_(DMSO) ₂ | -97.7 | -50.9 | -179.8 | -174.9 | OH + NPrH/BocNH | 1.09 | 2.30 | 1.2 | 0.6 |
| 1_c12a_(DMSO) ₂ | -117.3 | 153.5 | -67.4 | 86.4 | OH + NPrH | 1.13 | 2.52 | 1.2 | 0.4 |
| 1_c6c_(DMSO) ₂ | -76.5 | -29.2 | -58.6 | 170.4 | OH + NPrH | 1.20 | 2.55 | 1.0 | 0.4 |
| 1_c13c_(DMSO) ₂ | -99.7 | 122.2 | -176.7 | -165.0 | OH + BocNH | 1.55 | 1.97 | 0.6 | 1.1 |
| 1_c12a_(DMSO) ₂ | -98.4 | 137.1 | -69.4 | 96.0 | OH + BocNH | 1.59 | 4.09 | 0.5 | 0.0 |

^{a)} referenced to E = -1870.419491 hartree and G = -1870.493012 hartree

Table S4. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of the 15 lowest energy conformers of **1**·(DMSO)₃ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or t/g+/-g- (α/β). The torsional angle definitions are those used in Tab. S1.

| | ϕ_{Ser} | ψ_{Ser} | α | β | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|----------------------------|--------------|--------------|----------|---------|-------------------|-------------------|-------------------|-------------------|
| 1_c12a_(DMSO) ₃ | -98.7 | 140.6 | -68.9 | 96.8 | 0.0 ^{a)} | 0.73 | 27.4 | 12.1 |
| 1_c13c_(DMSO) ₃ | -102.9 | 123.5 | -178.3 | -173.2 | 0.37 | 0.62 | 14.7 | 14.5 |
| 1_c8c_(DMSO) ₃ | -98.4 | 124.1 | -178.0 | -172.8 | 0.52 | 0.0 ^{a)} | 11.5 | 41.6 |
| 1_c12c_(DMSO) ₃ | -98.8 | 140.1 | -66.6 | 174.0 | 0.61 | 1.08 | 9.8 | 6.7 |
| 1_c8b_(DMSO) ₃ | -101.7 | 121.3 | -175.2 | -118.0 | 0.68 | 0.61 | 8.7 | 14.7 |
| 1_c8a_(DMSO) ₃ | -112.9 | 116.0 | 179.8 | 89.3 | 0.76 | 1.59 | 7.6 | 2.8 |
| 1_c13b_(DMSO) ₃ | -103.0 | 124.4 | -174.9 | -105.9 | 1.07 | 1.62 | 4.5 | 2.7 |
| 1_c6b_(DMSO) ₃ | -99.2 | -12.3 | -62.9 | -76.8 | 1.19 | 2.31 | 3.7 | 0.8 |
| 1_c11c_(DMSO) ₃ | -126.1 | 154.6 | 66.5 | -173.6 | 1.34 | 2.39 | 2.9 | 0.7 |
| 1_c13c_(DMSO) ₃ | -95.4 | 160.9 | 66.4 | -172.0 | 1.41 | 1.86 | 2.5 | 1.8 |
| 1_c11b_(DMSO) ₃ | -130.4 | 160.7 | 64.0 | -96.9 | 1.41 | 2.80 | 2.5 | 0.4 |
| 1_c5c_(DMSO) ₃ | -120.7 | 5.7 | 63.2 | -179.4 | 1.83 | 3.30 | 1.3 | 0.2 |
| 1_c11b_(DMSO) ₃ | -131.7 | 158.3 | 63.5 | -97.5 | 1.94 | 2.93 | 1.0 | 0.3 |
| 1_c19c_(DMSO) ₃ | 62.3 | 40.7 | -60.3 | 177.4 | 2.53 | 3.42 | 0.4 | 0.1 |
| 1_c19c_(DMSO) ₃ | 61.4 | 42.3 | -60.0 | -177.2 | 2.61 | 3.84 | 0.3 | 0.1 |

^{a)} referenced to E = -2423.59658 hartree and G = -2423.685341 hartree

2. Conformational analysis of 2

Table S5. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of all optimized conformers of **2** sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or t/g+/g- ($\alpha/\beta/\gamma$).

| | ϕ_{Ser} | ψ_{Ser} | ϕ_{Phe} | ψ_{Phe} | α | β | γ | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|-----------------------|--------------|--------------|--------------|--------------|----------|---------|----------|-------------------|-------------------|-------------------|-------------------|
| 2(β, pp_{II}) | -147.0 | 160.6 | -69.9 | 151.3 | -176.9 | -81.6 | -172.1 | 0.0 ^{a)} | 0.85 | 11.6 | 3.8 |
| | -147.5 | 160.3 | -71.0 | 155.0 | -176.9 | -80.9 | -62.2 | 0.00 | 0.50 | 11.6 | 6.8 |
| | -145.2 | 160.0 | -78.6 | 165.2 | -175.8 | -80.2 | 57.9 | 0.90 | 1.82 | 2.5 | 0.7 |
| 2(δ, δ) | -75.0 | -14.9 | -101.6 | 5.7 | 51.9 | 75.6 | -63.7 | 0.56 | 1.67 | 4.5 | 0.9 |
| | -78.8 | -8.3 | -95.7 | 1.9 | 55.7 | -178.9 | 56.9 | 0.93 | 2.25 | 2.4 | 0.4 |
| | -79.6 | -7.6 | -93.9 | 1.0 | 53.2 | 80.6 | 57.0 | 0.95 | 1.74 | 2.4 | 0.8 |
| | -72.0 | -20.8 | -88.7 | -2.4 | -54.0 | -73.5 | -64.3 | 0.96 | 2.05 | 2.3 | 0.5 |
| | -72.6 | -20.1 | -91.4 | 1.4 | -54.3 | -72.8 | 56.4 | 1.12 | 2.86 | 1.8 | 0.1 |
| | -79.4 | -7.0 | -89.8 | -4.0 | 54.3 | 177.7 | -65.9 | 1.27 | 1.85 | 1.4 | 0.7 |
| | -72.8 | -19.7 | -88.9 | -2.4 | -57.1 | 175.8 | -64.3 | 1.28 | 2.38 | 1.3 | 0.3 |
| | -81.3 | -3.4 | -91.5 | -4.9 | -169.6 | -42.7 | -63.2 | 1.44 | 2.22 | 1.0 | 0.4 |
| | -73.6 | -18.7 | -91.9 | 1.5 | -57.1 | 176.5 | 56.4 | 1.45 | 3.00 | 1.0 | 0.1 |
| | -81.6 | -3.4 | -98.0 | 1.8 | -170.1 | -41.6 | 56.3 | 1.55 | 3.27 | 0.8 | 0.1 |
| | -79.1 | -9.5 | -87.8 | -4.9 | -72.1 | 73.9 | -64.2 | 3.01 | 3.79 | 0.1 | 0.0 |
| | -79.6 | -10.0 | -95.1 | 2.9 | -70.8 | 74.0 | 56.0 | 3.06 | 4.32 | 0.1 | 0.0 |
| | -67.0 | -30.5 | -84.7 | -2.5 | -169.4 | -166.1 | -63.5 | 5.17 | 6.21 | 0.0 | 0.0 |
| | -66.4 | -32.3 | -87.2 | 2.1 | -172.8 | -176.3 | 56.5 | 5.19 | 6.33 | 0.0 | 0.0 |
| 2(δ, β) | -124.1 | 15.6 | -151.7 | 143.5 | -170.8 | -48.3 | -173.5 | 0.47 | 0.28 | 5.2 | 9.8 |
| | -122.4 | 16.6 | -150.4 | 141.9 | 59.7 | 81.1 | -173.7 | 0.69 | 0.0 ^{a)} | 3.6 | 15.8 |
| | -107.6 | 0.3 | -151.2 | 141.9 | 56.0 | -177.2 | -173.2 | 0.83 | 0.61 | 2.9 | 5.6 |
| | -106.9 | -4.7 | -126.1 | 136.6 | 52.9 | 77.7 | -60.5 | 1.09 | 1.52 | 1.8 | 1.2 |
| | -127.7 | 15.4 | -121.1 | 135.9 | -170.8 | -49.0 | -61.4 | 1.49 | 1.48 | 0.9 | 1.3 |
| | -125.7 | 15.3 | -152.8 | 162.1 | -171.0 | -47.9 | 59.1 | 1.71 | 1.98 | 0.7 | 0.6 |
| | -83.6 | -18.9 | -150.9 | 143.9 | -56.4 | -69.6 | -172.9 | 1.91 | 2.00 | 0.5 | 0.5 |
| | -107.9 | -0.4 | -153.1 | 161.6 | 56.9 | -176.4 | 63.9 | 2.07 | 2.57 | 0.4 | 0.2 |
| | -124.1 | 17.2 | -150.7 | 160.2 | 61.9 | 81.8 | 63.3 | 2.08 | 1.92 | 0.3 | 0.6 |
| | -107.0 | 2.4 | -150.2 | 143.5 | -65.1 | 60.8 | -173.8 | 2.13 | 1.84 | 0.3 | 0.7 |
| | -111.4 | 0.3 | -122.5 | 136.0 | 54.3 | 178.4 | -65.6 | 2.26 | 1.66 | 0.3 | 1.0 |
| | -82.9 | -18.3 | -151.1 | 143.3 | -58.6 | 177.5 | -173.0 | 2.28 | 2.08 | 0.2 | 0.5 |
| | -87.2 | -19.0 | -120.7 | 130.6 | -56.6 | -70.2 | -61.4 | 2.83 | 2.31 | 0.1 | 0.3 |
| | -85.4 | -18.3 | -150.1 | 161.8 | -57.4 | -69.5 | 61.7 | 3.14 | 3.34 | 0.1 | 0.1 |
| | -109.6 | 2.0 | -119.9 | 133.2 | -65.7 | 62.5 | -61.1 | 3.37 | 3.02 | 0.0 | 0.1 |
| | -86.6 | -17.9 | -120.2 | 129.1 | -59.4 | 179.1 | -61.2 | 3.39 | 2.86 | 0.0 | 0.1 |
| | -106.3 | 0.0 | -153.0 | 163.3 | -65.2 | 60.0 | 59.9 | 3.42 | 3.88 | 0.0 | 0.0 |
| | -84.9 | -17.2 | -150.5 | 161.6 | -59.7 | 178.6 | 61.8 | 3.65 | 3.89 | 0.0 | 0.0 |
| | -77.9 | -32.8 | -148.1 | 145.1 | -176.4 | -178.4 | -172.7 | 5.48 | 4.65 | 0.0 | 0.0 |
| | -75.3 | -36.3 | -149.7 | 162.1 | 180.0 | 176.3 | 59.6 | 6.63 | 6.75 | 0.0 | 0.0 |
| -82.3 | -31.7 | -108.5 | 125.3 | -170.5 | -161.5 | -61.6 | 6.67 | 5.51 | 0.0 | 0.0 | |
| 2(β, β) | -118.6 | 146.8 | -151.0 | 163.4 | -66.7 | 172.8 | 62.4 | 4.45 | 4.29 | 0.0 | 0.0 |
| | -118.1 | 144.8 | -118.1 | 139.0 | -67.5 | 172.5 | -63.6 | 4.28 | 3.20 | 0.0 | 0.1 |
| | -145.2 | 168.6 | -151.8 | 163.6 | 67.3 | -173.0 | 60.4 | 3.48 | 3.21 | 0.0 | 0.1 |
| | -143.9 | 166.3 | -123.7 | 138.7 | 67.1 | -173.4 | -61.8 | 3.40 | 2.73 | 0.0 | 0.2 |
| | -113.2 | 138.8 | -152.6 | 147.6 | -67.2 | 171.9 | -172.8 | 3.24 | 2.34 | 0.0 | 0.3 |
| | -108.7 | 152.2 | -152.5 | 163.9 | -60.3 | 55.6 | 62.2 | 2.86 | 2.70 | 0.1 | 0.2 |
| | -110.5 | 150.4 | -119.3 | 138.9 | -60.1 | 55.7 | -63.6 | 2.74 | 2.13 | 0.1 | 0.4 |
| | -115.1 | 102.7 | -151.1 | 163.1 | 55.5 | 52.9 | 66.1 | 2.61 | 2.70 | 0.1 | 0.2 |
| | -145.4 | 168.9 | -154.2 | 163.3 | 61.3 | -60.0 | 60.3 | 2.46 | 2.41 | 0.2 | 0.3 |

Table S5 continued.

| | | | | | | | | | | | |
|--------------------|--------|--------|--------|-------|--------|--------|--------|------|------|-----|-----|
| | -145.0 | 167.0 | -125.8 | 138.6 | 61.2 | -59.6 | -61.8 | 2.40 | 2.23 | 0.2 | 0.4 |
| | -147.5 | 169.5 | -152.6 | 147.0 | 67.2 | -172.1 | -172.7 | 2.35 | 1.77 | 0.2 | 0.8 |
| | -165.6 | 163.8 | -154.9 | 163.5 | -79.3 | 38.6 | 60.6 | 1.97 | 2.58 | 0.4 | 0.2 |
| | -165.4 | 161.9 | -126.5 | 141.6 | -80.0 | 39.3 | -62.0 | 1.73 | 2.03 | 0.6 | 0.5 |
| | -105.9 | 149.4 | -151.5 | 144.0 | -60.3 | 55.2 | -173.6 | 1.61 | 0.76 | 0.8 | 4.4 |
| | -146.8 | 170.9 | -153.3 | 146.2 | 61.6 | -60.2 | -172.9 | 1.30 | 1.37 | 1.3 | 1.6 |
| | -166.7 | 164.6 | -153.3 | 146.2 | -80.0 | 39.9 | -173.0 | 0.75 | 0.75 | 3.3 | 4.5 |
| $2(\gamma,\beta)$ | -85.4 | 76.5 | -148.3 | 135.2 | 57.7 | 61.1 | -174.3 | 0.21 | 0.72 | 8.1 | 4.7 |
| | -87.5 | 69.1 | -126.5 | 137.4 | 59.0 | 62.9 | -66.2 | 1.22 | 1.14 | 1.5 | 2.3 |
| | -86.3 | 66.4 | -146.8 | 133.1 | 179.7 | -65.0 | -174.1 | 1.61 | 1.02 | 0.8 | 2.8 |
| | -87.3 | 60.7 | -121.9 | 132.6 | -178.1 | -63.6 | -64.6 | 2.49 | 2.54 | 0.2 | 0.2 |
| | -89.2 | 75.6 | -146.9 | 131.3 | -57.1 | -67.4 | -174.1 | 3.29 | 2.87 | 0.0 | 0.1 |
| | -89.5 | 73.3 | -145.2 | 130.1 | -61.4 | 178.1 | -174.3 | 3.40 | 2.93 | 0.0 | 0.1 |
| | -86.9 | 55.5 | -138.8 | 129.1 | 48.0 | -178.5 | -174.3 | 3.67 | 3.08 | 0.0 | 0.1 |
| | -88.6 | 67.3 | -124.8 | 136.0 | -64.2 | 55.3 | -64.9 | 4.08 | 3.60 | 0.0 | 0.0 |
| | -89.7 | 63.0 | -117.1 | 127.1 | -59.9 | 179.4 | -65.2 | 4.37 | 3.30 | 0.0 | 0.1 |
| | -89.4 | 63.9 | -118.4 | 129.7 | -54.5 | -68.0 | -65.2 | 4.41 | 3.96 | 0.0 | 0.0 |
| | -87.0 | 48.5 | -105.3 | 126.2 | 49.8 | -179.4 | -65.9 | 4.56 | 4.11 | 0.0 | 0.0 |
| $2(\delta,\gamma)$ | -114.0 | 3.9 | -85.6 | 72.4 | 53.2 | 81.8 | -63.3 | 1.19 | 1.20 | 1.6 | 2.1 |
| | -126.0 | 14.6 | -86.4 | 74.1 | -170.2 | -49.9 | -61.1 | 1.32 | 2.06 | 1.2 | 0.5 |
| | -112.3 | 2.7 | -84.6 | 72.0 | 55.4 | -178.7 | -63.5 | 1.50 | 1.45 | 0.9 | 1.4 |
| | -120.1 | 10.2 | -85.6 | 83.8 | 57.4 | 83.9 | -165.0 | 1.58 | 0.88 | 0.8 | 3.6 |
| | -110.9 | -0.3 | -86.2 | 82.7 | 56.0 | -176.8 | -165.4 | 1.58 | 1.28 | 0.8 | 1.8 |
| | -126.9 | 14.7 | -87.3 | 86.8 | -170.4 | -49.4 | -167.1 | 1.73 | 1.64 | 0.6 | 1.0 |
| | -84.2 | -20.7 | -85.9 | 73.0 | -55.5 | -71.0 | -62.6 | 2.33 | 2.74 | 0.2 | 0.2 |
| | -84.4 | -19.6 | -85.9 | 72.8 | -58.8 | 178.1 | -62.6 | 2.73 | 3.05 | 0.1 | 0.1 |
| | -109.7 | 3.5 | -85.2 | 72.6 | -66.1 | 63.6 | -60.7 | 2.75 | 2.70 | 0.1 | 0.2 |
| | -84.2 | -20.6 | -86.0 | 83.1 | -55.7 | -70.8 | -165.4 | 2.85 | 2.69 | 0.1 | 0.2 |
| | -109.2 | -2.1 | -84.6 | 54.2 | 56.3 | -176.7 | 44.3 | 2.97 | 3.96 | 0.1 | 0.0 |
| | -114.4 | 2.7 | -84.1 | 54.5 | 55.0 | 84.7 | 44.2 | 2.98 | 3.82 | 0.1 | 0.0 |
| | -109.6 | 1.9 | -85.9 | 84.4 | -65.5 | 63.6 | -165.7 | 3.12 | 4.12 | 0.1 | 0.0 |
| | -126.5 | 13.4 | -84.4 | 53.8 | -169.7 | -48.9 | 44.4 | 3.24 | 4.25 | 0.0 | 0.0 |
| | -88.7 | -15.1 | -85.6 | 81.8 | -59.5 | 179.5 | -165.2 | 3.30 | 3.16 | 0.0 | 0.1 |
| | -83.1 | -21.3 | -84.1 | 54.6 | -55.6 | -71.3 | 44.0 | 4.08 | 5.16 | 0.0 | 0.0 |
| | -83.7 | -20.0 | -84.2 | 54.7 | -58.7 | 178.6 | 44.0 | 4.54 | 5.56 | 0.0 | 0.0 |
| | -108.0 | -1.6 | -84.2 | 55.8 | -65.7 | 62.9 | 43.2 | 4.55 | 5.09 | 0.0 | 0.0 |
| | -79.4 | -34.6 | -85.0 | 82.8 | -177.4 | -179.3 | -165.3 | 6.47 | 6.60 | 0.0 | 0.0 |
| | -79.1 | -34.7 | -83.6 | 53.4 | -179.9 | 179.3 | 44.5 | 7.53 | 8.33 | 0.0 | 0.0 |
| $2(\gamma,\gamma)$ | -84.2 | 69.5 | -87.8 | 85.2 | 58.4 | 63.8 | -166.4 | 0.64 | 1.24 | 3.9 | 1.9 |
| | -89.4 | 60.4 | -87.4 | 75.1 | 60.2 | 66.4 | -70.1 | 1.38 | 2.24 | 1.1 | 0.4 |
| | -85.1 | 60.0 | -88.0 | 85.0 | -178.1 | -64.3 | -166.3 | 2.04 | 2.22 | 0.4 | 0.4 |
| | -88.4 | 51.9 | -87.5 | 73.9 | -174.6 | -62.5 | -67.9 | 2.55 | 3.56 | 0.2 | 0.0 |
| | -84.3 | 48.8 | -85.7 | 83.1 | 49.6 | -177.7 | -165.3 | 3.60 | 4.21 | 0.0 | 0.0 |
| | -88.1 | 64.0 | -87.0 | 82.1 | -59.2 | 178.4 | -165.2 | 3.63 | 4.03 | 0.0 | 0.0 |
| | -84.2 | 72.5 | -87.0 | 83.6 | -65.8 | 56.8 | -166.2 | 3.66 | 4.29 | 0.0 | 0.0 |
| | -87.6 | 64.8 | -87.1 | 82.9 | -54.2 | -68.8 | -165.4 | 3.67 | 4.31 | 0.0 | 0.0 |
| | -86.9 | 43.0 | -85.2 | 72.5 | 51.0 | -178.8 | -66.6 | 3.82 | 4.71 | 0.0 | 0.0 |
| | -88.1 | 51.5 | -86.2 | 73.0 | -56.8 | 178.4 | -68.7 | 4.06 | 5.25 | 0.0 | 0.0 |
| | -87.5 | 50.5 | -86.2 | 73.3 | -51.4 | -70.2 | -68.5 | 4.12 | 5.41 | 0.0 | 0.0 |
| $2(x,\beta)$ | -150.7 | -176.1 | -151.6 | 140.9 | -168.5 | 79.4 | -173.9 | 1.19 | 1.19 | 1.5 | 2.1 |
| | -149.3 | -173.2 | -144.9 | 141.6 | -165.3 | -168.8 | -173.7 | 1.40 | 1.43 | 1.1 | 1.4 |
| | -149.9 | -176.3 | -102.4 | 129.0 | -165.7 | -165.8 | -63.3 | 2.07 | 1.90 | 0.4 | 0.6 |
| | -151.3 | -174.5 | -101.7 | 123.0 | -168.0 | 77.9 | -62.5 | 2.17 | 2.08 | 0.3 | 0.5 |

Table S5 continued.

| | | | | | | | | | | | |
|-------------------------------|--------|--------|--------|-------|--------|--------|--------|------|------|-----|-----|
| | -149.9 | -179.2 | -154.9 | 163.1 | -168.4 | 78.8 | 62.2 | 2.51 | 2.63 | 0.2 | 0.2 |
| | -149.6 | -175.1 | -147.7 | 161.7 | -164.8 | -166.0 | 62.7 | 2.75 | 3.20 | 0.1 | 0.1 |
| $2(x,\gamma)$ | -151.3 | -174.0 | -85.4 | 73.3 | -169.2 | 79.0 | -61.6 | 1.58 | 2.31 | 0.8 | 0.3 |
| | -149.8 | -175.9 | -85.4 | 76.0 | -166.9 | -172.2 | -63.7 | 1.80 | 2.42 | 0.6 | 0.3 |
| | -150.8 | -175.2 | -85.4 | 86.2 | -169.2 | 79.8 | -166.6 | 1.90 | 2.39 | 0.5 | 0.3 |
| | -149.3 | -177.1 | -85.3 | 88.9 | -166.6 | -170.0 | -167.2 | 1.94 | 2.25 | 0.4 | 0.4 |
| | -151.3 | -178.2 | -84.7 | 56.0 | -170.3 | 81.2 | 43.1 | 3.50 | 4.89 | 0.0 | 0.0 |
| | -148.9 | -177.2 | -83.7 | 55.0 | -166.5 | -169.9 | 44.5 | 3.60 | 4.45 | 0.0 | 0.0 |
| $2(\beta,\gamma)$ | -166.9 | 164.7 | -86.1 | 77.1 | -81.2 | 41.4 | -61.7 | 2.06 | 2.74 | 0.4 | 0.2 |
| | -145.6 | 167.8 | -86.8 | 75.4 | 61.0 | -61.3 | -60.2 | 2.56 | 2.82 | 0.2 | 0.1 |
| | -145.1 | 166.4 | -88.6 | 89.4 | 61.4 | -61.3 | -167.5 | 2.78 | 2.39 | 0.1 | 0.3 |
| | -108.3 | 146.5 | -85.4 | 76.4 | -61.1 | 56.5 | -62.6 | 2.99 | 3.23 | 0.1 | 0.1 |
| | -102.9 | 143.2 | -87.0 | 88.4 | -61.5 | 55.5 | -167.2 | 3.02 | 2.95 | 0.1 | 0.1 |
| | -166.3 | 164.0 | -84.3 | 53.6 | -80.7 | 40.5 | 43.6 | 3.44 | 4.19 | 0.0 | 0.0 |
| | -143.9 | 165.8 | -86.2 | 75.6 | 66.5 | -171.9 | -60.5 | 3.51 | 3.32 | 0.0 | 0.1 |
| | -140.7 | 164.2 | -87.0 | 89.1 | 66.4 | -173.3 | -167.3 | 3.72 | 3.23 | 0.0 | 0.1 |
| | -144.8 | 167.1 | -85.1 | 53.2 | 60.9 | -62.1 | 43.9 | 4.02 | 4.92 | 0.0 | 0.0 |
| | -102.4 | 144.3 | -83.9 | 55.0 | -61.6 | 55.6 | 43.8 | 4.25 | 4.94 | 0.0 | 0.0 |
| | -115.2 | 138.4 | -84.8 | 75.6 | -68.0 | 171.2 | -62.5 | 4.39 | 4.13 | 0.0 | 0.0 |
| | -101.5 | 128.2 | -86.1 | 86.8 | -67.6 | 174.5 | -166.6 | 4.41 | 3.52 | 0.0 | 0.0 |
| | -144.6 | 161.1 | -83.5 | 53.2 | -172.3 | -95.1 | 44.5 | 4.49 | 5.25 | 0.0 | 0.0 |
| | -102.4 | 129.3 | -83.6 | 53.7 | -67.5 | 173.9 | 44.5 | 5.65 | 5.98 | 0.0 | 0.0 |
| $2(\rho_{\text{PII}},\beta)$ | -68.7 | 137.9 | -155.1 | 146.5 | -54.0 | -68.7 | -172.5 | 3.15 | 2.22 | 0.1 | 0.4 |
| | -66.9 | 142.9 | -150.6 | 162.4 | -53.6 | -69.3 | 64.9 | 4.12 | 4.24 | 0.0 | 0.0 |
| | -67.0 | 136.7 | -155.1 | 146.2 | -57.8 | 172.1 | -172.3 | 3.55 | 2.98 | 0.0 | 0.1 |
| | -66.7 | 142.4 | -150.2 | 162.5 | -57.7 | 173.3 | 65.2 | 4.53 | 4.95 | 0.0 | 0.0 |
| $2(\delta,\alpha)$ | -78.7 | -7.4 | -75.9 | -21.5 | 55.6 | -179.5 | -170.6 | 3.66 | 4.67 | 0.0 | 0.0 |
| | -79.1 | -7.3 | -75.1 | -21.6 | 52.9 | 79.7 | -170.3 | 3.69 | 4.79 | 0.0 | 0.0 |
| | -78.6 | -7.8 | -77.5 | -19.8 | 55.7 | -179.3 | -169.7 | 3.70 | 4.78 | 0.0 | 0.0 |
| | -72.5 | -19.8 | -75.7 | -18.9 | -54.3 | -74.4 | -168.1 | 3.83 | 4.99 | 0.0 | 0.0 |
| | -81.9 | -2.6 | -78.5 | -20.6 | -170.0 | -42.1 | -169.8 | 4.18 | 5.42 | 0.0 | 0.0 |
| | -73.8 | -18.0 | -76.1 | -18.6 | -57.3 | 176.7 | -168.3 | 4.25 | 5.57 | 0.0 | 0.0 |
| | -80.0 | -7.0 | -74.2 | -22.1 | -71.8 | 72.7 | -170.3 | 5.66 | 6.57 | 0.0 | 0.0 |
| | -67.9 | -28.7 | -70.5 | -21.3 | -170.7 | -173.6 | -169.6 | 8.07 | 9.28 | 0.0 | 0.0 |
| $2(\rho_{\text{PII}},\gamma)$ | -82.1 | 162.9 | -84.4 | 53.0 | 61.3 | -172.6 | 44.0 | 5.02 | 5.13 | 0.0 | 0.0 |

^{a)} referenced to E = -1242.316206 hartree and G = -1242.381459 hartree

Table S6. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of 10 conformers of each important conformer family of $2 \cdot (\text{DMSO})_1$ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+/g-$ ($\alpha/\beta/\gamma$).

| | ϕ_{Ser} | ψ_{Ser} | ϕ_{Phe} | ψ_{Phe} | α | β | γ | Solvated H | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|--|---------------------|---------------------|---------------------|---------------------|----------|---------|----------|------------|------------------|-------------------|-------------------|-------------------|
| $2(\delta, \delta) \cdot (\text{DMSO})_1$ | -71.6 | -20.3 | -84.0 | -6.6 | -65.8 | 82.8 | -64.4 | OH/BocNH | 0.00 | 1.50 | 15.3 | 1.9 |
| | -74.9 | -13.2 | -83.9 | -7.8 | 62.7 | -80.0 | -65.0 | OH/BocNH | 0.04 | 2.13 | 14.3 | 0.6 |
| | -74.6 | -14.7 | -89.8 | -1.8 | 64.3 | -79.7 | 57.2 | OH/BocNH | 0.22 | 2.19 | 10.6 | 0.6 |
| | -72.4 | -20.3 | -88.0 | -1.8 | -65.3 | 80.8 | 56.9 | OH/BocNH | 0.57 | 3.16 | 5.8 | 0.1 |
| | -77.3 | -10.3 | -85.3 | -7.8 | 55.7 | -168.5 | -65.5 | OH | 0.63 | 0.00 | 5.3 | 23.6 |
| | -70.9 | -22.7 | -85.8 | -5.6 | -52.5 | -75.1 | -64.8 | OH | 0.70 | 1.50 | 4.7 | 1.9 |
| | -71.6 | -21.4 | -84.9 | -6.5 | -56.8 | 164.5 | -64.6 | OH | 0.86 | 1.19 | 3.6 | 3.1 |
| | -71.1 | -23.0 | -87.5 | -2.7 | -52.5 | -76.6 | 57.0 | OH | 1.03 | 2.03 | 2.7 | 0.8 |
| | -77.0 | -11.9 | -91.6 | -1.6 | 56.3 | -175.1 | 56.9 | OH | 1.10 | 1.82 | 2.4 | 1.1 |
| | -71.7 | -22.1 | -88.6 | -2.1 | -56.6 | 169.0 | 57.3 | OH | 1.30 | 1.98 | 1.7 | 0.8 |
| $2(\delta, \beta) \cdot (\text{DMSO})_1$ | -83.1 | -20.0 | -146.4 | 136.2 | -62.8 | 84.4 | -174.5 | OH/BocNH | 1.31 | 1.27 | 1.7 | 2.8 |
| | -83.9 | -21.2 | -125.3 | 140.1 | -62.5 | 82.6 | -64.8 | OH/BocNH | 1.57 | 2.10 | 1.1 | 0.7 |
| | -104.4 | -3.4 | -151.9 | 161.0 | 56.5 | -169.8 | 65.2 | OH | 1.83 | 0.92 | 0.7 | 5.0 |
| | -87.8 | -13.6 | -152.0 | 159.5 | 64.4 | -80.6 | 66.5 | OH/BocNH | 1.83 | 2.68 | 0.7 | 0.3 |
| | -80.7 | -22.6 | -146.9 | 137.8 | -54.1 | -73.1 | -174.7 | OH | 1.92 | 1.20 | 0.6 | 3.1 |
| | -82.9 | -20.8 | -148.5 | 161.2 | -63.1 | 84.4 | 64.5 | OH/BocNH | 1.97 | 2.21 | 0.6 | 0.6 |
| | -125.0 | 13.1 | -125.4 | 136.3 | -170.7 | -47.4 | -63.7 | NPrH | 2.04 | 2.89 | 0.5 | 0.2 |
| | -124.8 | 15.6 | -139.7 | 126.1 | -170.7 | -48.3 | -175.9 | NPrH | 2.15 | 2.59 | 0.4 | 0.3 |
| | -81.8 | -21.1 | -146.7 | 137.6 | -58.2 | 170.4 | -174.7 | OH | 2.21 | 1.29 | 0.4 | 2.7 |
| | -81.2 | -24.1 | -123.5 | 140.7 | -54.4 | -77.2 | -64.3 | OH | 2.23 | 1.46 | 0.4 | 2.0 |
| $2(\beta, \beta) \cdot (\text{DMSO})_1$ & $2(x, \beta) \cdot (\text{DMSO})_1$ | -148.9 | -173.0 | -144.2 | 133.5 | -170.0 | 78.0 | -175.0 | OH | 1.46 | 1.61 | 1.3 | 1.5 |
| | -147.4 | -174.3 | -120.1 | 139.7 | -166.0 | -164.0 | -64.1 | OH | 1.62 | 1.68 | 1.0 | 1.4 |
| | -148.2 | -172.2 | -130.3 | 130.3 | -166.0 | -164.9 | -175.8 | OH | 1.72 | 1.48 | 0.8 | 1.9 |
| | -147.9 | -174.1 | -111.0 | 123.7 | -165.7 | -161.0 | -175.4 | OH | 1.76 | 1.70 | 0.8 | 1.3 |
| | -148.0 | -178.4 | -152.6 | 160.3 | -169.7 | 86.2 | 63.3 | OH | 2.18 | 3.25 | 0.4 | 0.1 |
| | -148.1 | -174.4 | -148.7 | 160.4 | -165.0 | -161.1 | 63.6 | OH | 2.38 | 2.84 | 0.3 | 0.2 |
| | -144.7 | 167.4 | -150.8 | 142.1 | 66.6 | -171.7 | -174.1 | OH | 2.72 | 0.89 | 0.2 | 5.2 |
| | -165.3 | 163.8 | -141.3 | 126.4 | -78.5 | 37.9 | -176.7 | NPrH | 2.89 | 3.69 | 0.1 | 0.0 |
| | -164.9 | 163.8 | -153.1 | 162.0 | -78.1 | 37.2 | 63.3 | NPrH | 2.97 | 2.86 | 0.1 | 0.2 |
| | -147.8 | 167.2 | -152.0 | 143.2 | 65.9 | -88.2 | -174.4 | OH | 2.98 | 2.34 | 0.1 | 0.5 |
| $2(\delta, \gamma) \cdot (\text{DMSO})_1$ | -92.8 | -9.3 | -84.6 | 72.5 | 64.8 | -77.0 | -65.9 | OH/BocNH | 1.43 | 2.25 | 1.4 | 0.5 |
| | -107.5 | -1.3 | -85.1 | 71.7 | 55.9 | -172.1 | -63.8 | OH | 1.67 | 1.02 | 0.9 | 4.2 |
| | -82.9 | -20.5 | -85.6 | 71.6 | -63.7 | 83.6 | -64.3 | OH/BocNH | 1.76 | 2.42 | 0.8 | 0.4 |
| | -105.8 | -2.7 | -86.1 | 84.1 | 56.0 | -169.7 | -167.1 | OH | 2.03 | 1.45 | 0.5 | 2.0 |
| | -82.6 | -21.4 | -86.1 | 83.9 | -63.4 | 84.1 | -167.2 | OH/BocNH | 2.24 | 2.65 | 0.3 | 0.3 |
| | -83.2 | -21.1 | -86.2 | 83.9 | -63.1 | 84.6 | -167.2 | OH/BocNH | 2.27 | 2.39 | 0.3 | 0.4 |
| | -103.8 | -5.5 | -85.8 | 82.8 | 49.5 | 91.2 | -166.8 | OH | 2.32 | 1.89 | 0.3 | 1.0 |
| | -81.3 | -22.3 | -85.3 | 71.7 | -54.3 | -73.2 | -64.2 | OH | 2.44 | 1.89 | 0.2 | 1.0 |
| | -110.9 | 2.9 | -83.1 | 72.2 | 51.8 | 101.1 | -64.5 | OH | 2.56 | 2.78 | 0.2 | 0.2 |
| | -81.8 | -21.8 | -85.6 | 72.6 | -58.9 | 167.1 | -64.2 | OH | 2.77 | 2.78 | 0.1 | 0.2 |

^{a)} referenced to $E = -1795.507076$ hartree and $G = -1795.58426$ hartree

Table S7. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of 10 conformers of each important conformer family of **2**·(DMSO)₂ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+/g-$ ($\alpha/\beta/\gamma$).

| | ϕ_{Ser} | ψ_{Ser} | ϕ_{Phe} | ψ_{Phe} | α | β | γ | Solvated H | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|---|--------------|--------------|--------------|--------------|----------|---------|----------|-----------------|-------------------|-------------------|-------------------|-------------------|
| 2 (δ,β)·(DMSO) ₂ | -94.3 | -8.9 | -139.7 | 124.9 | 66.4 | -74.3 | -175.4 | OH/BocNH + NPrH | 0.0 ^{a)} | 1.30 | 12.0 | 2.4 |
| | -100.5 | -5.6 | -119.8 | 134.0 | 66.4 | -71.1 | -66.4 | OH/BocNH + NPrH | 0.09 | 2.49 | 10.4 | 0.3 |
| | -84.1 | -18.8 | -136.6 | 125.1 | -62.7 | 84.6 | -175.7 | OH/BocNH + NPrH | 0.15 | 1.04 | 9.3 | 3.7 |
| | -103.8 | -3.7 | -152.4 | 160.6 | 56.6 | -168.5 | 65.7 | OH + NPrH | 0.44 | 0.04 | 5.7 | 19.8 |
| | -103.7 | -2.8 | -138.1 | 125.1 | 55.9 | -165.2 | -175.5 | OH + NPrH | 0.52 | 1.15 | 4.9 | 3.0 |
| | -84.3 | -20.7 | -120.7 | 134.6 | -62.1 | 83.0 | -63.8 | OH/BocNH + NPrH | 0.55 | 1.93 | 4.8 | 0.8 |
| | -81.9 | -21.1 | -149.3 | 161.0 | -63.6 | 84.0 | 64.1 | OH/BocNH + NPrH | 0.73 | 1.14 | 3.5 | 3.1 |
| | -80.3 | -23.4 | -139.5 | 125.8 | -53.8 | -73.6 | -175.7 | OH + NPrH | 0.83 | 1.17 | 2.9 | 2.9 |
| | -88.0 | -14.3 | -153.3 | 160.9 | 64.5 | -78.8 | 66.1 | OH/BocNH + NPrH | 0.86 | 2.35 | 2.8 | 0.4 |
| | -108.6 | -0.7 | -110.7 | 129.6 | 55.4 | -166.5 | -64.4 | OH + BocNH | 0.86 | 1.56 | 2.8 | 1.5 |
| 2 (β,β)·(DMSO) ₂ | -149.4 | -174.2 | -120.5 | 131.3 | -169.7 | 77.4 | -63.6 | OH + NPrH | 0.41 | 1.53 | 6.0 | 1.6 |
| & 2 (α,β)·(DMSO) ₂ | -148.2 | -174.5 | -111.4 | 130.2 | -166.1 | -164.3 | -64.0 | OH + NPrH | 0.76 | 2.62 | 3.3 | 0.3 |
| | -148.6 | -179.1 | -153.5 | 160.3 | -169.3 | 85.7 | 63.1 | OH + NPrH | 0.81 | 1.45 | 3.0 | 1.8 |
| | -148.0 | -175.2 | -128.5 | 121.9 | -170.3 | 86.0 | -175.6 | OH + NPrH | 0.87 | 2.38 | 2.8 | 0.4 |
| | -147.7 | -174.3 | -150.2 | 161.1 | -165.1 | -164.2 | 63.7 | OH + NPrH | 1.00 | 0.0 ^{a)} | 2.2 | 21.2 |
| | -148.6 | -173.8 | -115.9 | 122.6 | -166.1 | -163.7 | -175.8 | OH + NPrH | 1.08 | 3.24 | 1.9 | 0.1 |
| | -120.0 | 145.4 | -141.4 | 126.1 | -62.4 | -77.9 | -175.843 | OH + NPrH | 1.88 | 1.02 | 0.5 | 3.8 |
| | -143.8 | 166.5 | -153.7 | 162.3 | 66.3 | -175.6 | 62.9 | OH + NPrH | 1.94 | 0.75 | 0.5 | 5.9 |
| | -122.0 | 146.6 | -127.3 | 140.8 | -62.0 | -77.2 | -63.7 | OH + NPrH | 2.02 | 1.20 | 0.4 | 2.8 |
| | -146.8 | 167.0 | -152.9 | 161.6 | 66.2 | -89.3 | 63.0 | OH + NPrH | 2.05 | 2.08 | 0.4 | 0.6 |
| 2 (δ,δ)·(DMSO) ₂ | -73.9 | -14.3 | -81.2 | -9.9 | 64.5 | 166.6 | -65.3 | OH + BocNH | 1.29 | 3.37 | 1.4 | 0.1 |
| | -73.4 | -16.9 | -84.4 | -6.3 | -65.5 | -164.1 | -65.2 | OH + BocNH | 1.50 | 3.30 | 0.9 | 0.1 |
| | -73.5 | -18.0 | -86.6 | -2.9 | -63.1 | -78.4 | 57.8 | OH + BocNH | 1.53 | 3.59 | 0.9 | 0.0 |
| | -73.1 | -16.3 | -87.8 | -3.1 | 62.7 | 104.5 | 57.8 | OH + BocNH | 1.59 | 4.18 | 0.8 | 0.0 |
| | -73.4 | -16.9 | -83.9 | -6.7 | -65.7 | -84.2 | -65.2 | OH + BocNH | 1.67 | 3.26 | 0.7 | 0.1 |
| | -72.7 | -15.8 | -70.9 | -24.3 | 63.4 | 105.2 | -170.7 | OH + BocNH | 2.88 | 5.88 | 0.1 | 0.0 |
| | -73.5 | -16.6 | -70.9 | -23.4 | -65.1 | -76.0 | -169.6 | OH + BocNH | 3.06 | 6.87 | 0.1 | 0.0 |
| | -63.8 | -32.8 | -78.3 | -8.4 | -175.3 | 177.6 | -64.5 | OH + BocNH | 3.11 | 4.38 | 0.1 | 0.0 |
| | -77.3 | -10.0 | -88.0 | -3.4 | -77.1 | 75.4 | 58.8 | OH + BocNH | 3.18 | 5.74 | 0.1 | 0.0 |
| | -74.2 | -13.0 | -68.3 | -26.6 | 66.4 | 127.5 | -172.1 | OH + BocNH | 3.33 | 6.21 | 0.0 | 0.0 |

^{a)} referenced to E = -2348.685285 hartree and G = -2348.777157 hartree

Table S8. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of 10 conformers of each important conformer family of $2\cdot\cdot(\text{DMSO})_3$ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+/g-$ ($\alpha/\beta/\gamma$).

| | ϕ_{Ser} | ψ_{Ser} | ϕ_{Phe} | ψ_{Phe} | α | β | γ | Solvated H | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|---|--|---------------------|---------------------|---------------------|----------|---------|-------------------------|-------------------|-------------------------|-------------------|-------------------|-------------------|
| $2(\beta,\beta)\cdot\cdot(\text{DMSO})_3$ | -141.5 | 164.3 | -117.4 | 130.9 | 67.4 | -87.9 | -64.5 | OH + PheNH + NPrH | 0.05 | 0.10 | 13.3 | 14.7 |
| $\& 2(x,\beta)\cdot\cdot(\text{DMSO})_3$ | -121.5 | 146.4 | -115.8 | 132.4 | -66.2 | 168.9 | -64.8 | OH + PheNH + NPrH | 0.45 | 0.0 ^{a)} | 6.8 | 17.5 |
| | -144.6 | 163.0 | -121.6 | 118.6 | 65.1 | -176.1 | -174.9 | OH + PheNH + NPrH | 0.50 | 1.95 | 6.2 | 0.6 |
| | -116.3 | -160.8 | -145.5 | 126.6 | -169.6 | 68.9 | -175.7 | OH + BocNH + NPrH | 0.73 | 1.34 | 4.2 | 1.8 |
| | -146.1 | 163.0 | -106.9 | 120.4 | 65.6 | -85.4 | -174.6 | OH + PheNH + NPrH | 0.95 | 1.33 | 2.9 | 1.9 |
| | -120.6 | 147.1 | -137.2 | 118.1 | -65.7 | 171.2 | -174.8 | OH + PheNH + NPrH | 0.96 | 0.71 | 2.9 | 5.3 |
| | -116.7 | -163.1 | -150.5 | 159.3 | -168.8 | 70.8 | 64.1 | OH + BocNH + NPrH | 1.15 | 1.17 | 2.1 | 2.4 |
| | -99.5 | -164.5 | -123.8 | 138.7 | -166.6 | -174.1 | -63.2 | OH + BocNH + NPrH | 1.56 | 0.66 | 1.0 | 5.8 |
| | -98.3 | 137.2 | -145.6 | 128.4 | -66.9 | 175.6 | -175.7 | OH + BocNH + NPrH | 1.62 | 0.58 | 0.9 | 6.6 |
| | -98.0 | -167.4 | -152.1 | 159.8 | -165.4 | -171.1 | 63.8 | OH + BocNH + NPrH | 1.97 | 1.83 | 0.5 | 0.8 |
| | $2(\delta,\beta)\cdot\cdot(\text{DMSO})_3$ | -91.5 | -35.2 | -135.4 | 120.8 | -68.8 | 89.6 | -175.1 | OH + PheNH/BocNH + NPrH | 0.07 | 0.40 | 13.0 |
| -77.4 | -35.9 | -121.1 | 139.0 | -173.6 | 175.2 | -64.7 | OH + PheNH/BocNH + NPrH | 2.31 | 1.71 | 0.3 | 1.0 | |
| -108.6 | -15.8 | -134.0 | 118.9 | 63.7 | -174.9 | -174.5 | OH + BocNH + NPrH | 0.0 ^{a)} | 1.13 | 14.6 | 2.6 | |
| -123.1 | -15.5 | -134.5 | 117.5 | 61.1 | 129.1 | -174.0 | OH + BocNH + NPrH | 0.90 | 2.99 | 3.2 | 0.1 | |
| -107.0 | -2.9 | -127.0 | 139.2 | -69.7 | 86.3 | -64.9 | OH + BocNH + NPrH | 0.51 | 0.68 | 6.1 | 5.6 | |
| -99.7 | -8.5 | -121.3 | 134.5 | -67.5 | 158.6 | -65.0 | OH + PheNH/BocNH + NPrH | 0.51 | 0.31 | 6.1 | 10.4 | |
| -91.8 | -13.2 | -148.4 | 160.7 | -63.2 | -73.3 | 64.4 | OH + BocNH + NPrH | 0.85 | 0.41 | 3.4 | 8.7 | |
| -88.9 | -11.4 | -151.5 | 160.6 | 69.1 | -178.0 | 67.3 | OH + BocNH + NPrH | 1.42 | 2.16 | 1.3 | 0.5 | |
| -94.7 | -17.1 | -155.5 | 162.6 | -72.3 | 84.7 | 64.1 | OH + BocNH + NPrH | 1.35 | 4.98 | 1.5 | 0.0 | |
| -97.4 | -1.7 | -144.4 | 159.4 | 64.5 | 111.0 | 67.8 | OH + BocNH + NPrH | 1.77 | 3.62 | 0.7 | 0.0 | |

^{a)} referenced to E = -2901.861463 hartree and G = -2901.966563 hartree

Table S9. Characteristic geometries parameters, relative zero-point corrected and Gibbs Free Energies (ΔE_{ZPC} and ΔG_{298K} in kcal/mol), and Boltzmann weights of the optimized conformers of $2\cdot\cdot(\text{DMSO})_4$ sorted by ΔE_{ZPC} . Color coding of the table cells refers either to secondary structure family (ϕ/ψ) or $t/g+/g-$ ($\alpha/\beta/\gamma$).

| | ϕ_{Ser} | ψ_{Ser} | ϕ_{Phe} | ψ_{Phe} | α | β | γ | ΔE_{ZPC} | ΔG_{298K} | pop(ΔE) | pop(ΔG) |
|---|---|---------------------|---------------------|---------------------|----------|---------|----------|-------------------|-------------------|-------------------|-------------------|
| $2(\beta,\beta)\cdot\cdot(\text{DMSO})_4$ | -89.0 | 147.0 | -107.8 | 129.9 | -65.7 | 162.9 | -65.8 | 0.0 ^{a)} | 1.14 | 35.3 | 9.5 |
| | -84.3 | 161.1 | -123.7 | 116.8 | 66.5 | 172.6 | -174.6 | 1.04 | 2.97 | 6.0 | 0.4 |
| | -99.1 | 159.8 | -150.1 | 157.3 | 65.3 | 170.0 | 63.7 | 2.57 | 3.48 | 0.5 | 0.2 |
| | -77.4 | 147.0 | -136.7 | 117.3 | -66.3 | 164.8 | -174.1 | 0.06 | 0.0 ^{a)} | 31.9 | 65.2 |
| | -110.3 | 139.7 | -112.7 | 134.2 | -67.6 | 86.6 | -64.8 | 0.63 | 0.78 | 12.1 | 17.4 |
| | -100.1 | 145.3 | -141.0 | 119.3 | -67.8 | 86.7 | -174.2 | 0.60 | 1.44 | 12.9 | 5.7 |
| | $2(\text{pp}_{\text{II}},\beta)\cdot\cdot(\text{DMSO})_4$ | -75.8 | 141.9 | -146.7 | 158.8 | -62.8 | -95.5 | 65.4 | 2.10 | 2.73 | 1.0 |
| -74.0 | 145.1 | -146.8 | 157.9 | -64.8 | 178.7 | 64.5 | 2.78 | 2.54 | 0.3 | 0.9 | |

^{a)} referenced to E = -3455.037501 hartree and G = -3455.156565 hartree

3. Selected Cartesian coordinate

1(γ') == 1_c1a

| | | | |
|---|-------------|-------------|-------------|
| C | 1.68885100 | -0.68461800 | 0.66796300 |
| H | 1.51476300 | -0.42491200 | 1.71701500 |
| C | 2.43796400 | 0.48704800 | -0.00987500 |
| O | 3.40134100 | 0.29733000 | -0.76178700 |
| N | 1.95836700 | 1.70870900 | 0.27734300 |
| H | 1.10000000 | 1.75406400 | 0.81694800 |
| C | 2.48181900 | 2.91793200 | -0.34099700 |
| H | 1.99967500 | 3.78049400 | 0.12092400 |
| H | 2.28754000 | 2.93237800 | -1.41893900 |
| H | 3.56140200 | 2.98676000 | -0.18555400 |
| N | 0.39352700 | -0.91201800 | 0.04358200 |
| H | 0.34494200 | -1.57450700 | -0.71817500 |
| C | -0.71337100 | -0.19582500 | 0.36714700 |
| O | -0.71524200 | 0.71009900 | 1.19558700 |
| O | -1.77286800 | -0.62690500 | -0.33677500 |
| C | -3.11288900 | -0.01134000 | -0.20026600 |
| C | -3.94571500 | -0.81960900 | -1.19646500 |
| H | -3.54851900 | -0.71347800 | -2.21038800 |
| H | -4.97950600 | -0.46213400 | -1.19019700 |
| H | -3.94468600 | -1.88098800 | -0.93097600 |
| C | -3.63461100 | -0.20694900 | 1.22468800 |
| H | -4.67522200 | 0.12968900 | 1.27530400 |
| H | -3.04931100 | 0.36273700 | 1.94749100 |
| H | -3.60750400 | -1.26619500 | 1.49953900 |
| C | -3.05955300 | 1.46173000 | -0.61068300 |
| H | -2.47664200 | 2.05413700 | 0.09553800 |
| H | -4.07814900 | 1.86179000 | -0.64293400 |
| H | -2.62362600 | 1.56523100 | -1.60952000 |
| C | 2.52002500 | -1.96821400 | 0.61260200 |
| H | 1.98847600 | -2.76440400 | 1.14039200 |
| H | 3.47760200 | -1.79489500 | 1.11883600 |
| O | 2.71962900 | -2.41828900 | -0.72145200 |
| H | 3.20749500 | -1.70140800 | -1.16104600 |

1(δ) == 1_c4b

| | | | |
|---|-------------|-------------|-------------|
| C | -1.53118700 | -0.63133300 | -0.10137500 |
| H | -1.34170200 | -0.85367700 | -1.15616400 |
| C | -2.67906900 | 0.39170900 | -0.06923600 |
| O | -3.85108400 | 0.01946700 | -0.21673500 |
| N | -2.34568100 | 1.67890800 | 0.10358600 |
| H | -1.36507600 | 1.89842900 | 0.20018500 |
| C | -3.32850700 | 2.75233200 | 0.08698200 |
| H | -2.82350100 | 3.68928200 | 0.32463900 |
| H | -4.10978900 | 2.56723700 | 0.82884400 |
| H | -3.80010700 | 2.83801500 | -0.89695200 |
| N | -0.29135100 | -0.11276100 | 0.44911400 |
| H | -0.20428000 | -0.06075200 | 1.45581900 |
| C | 0.89227100 | -0.17812500 | -0.24861300 |
| O | 0.97017800 | -0.42374500 | -1.43837300 |
| O | 1.91409600 | 0.09888000 | 0.58044900 |
| C | 3.31625200 | 0.15456400 | 0.10302600 |
| C | 4.08308300 | 0.49742600 | 1.38094200 |
| H | 3.75087600 | 1.45712200 | 1.78820500 |
| H | 5.15268500 | 0.56593300 | 1.16268300 |
| H | 3.93441400 | -0.27500800 | 2.14146800 |
| C | 3.74180900 | -1.21427800 | -0.43162000 |
| H | 4.81434700 | -1.19490000 | -0.65051400 |
| H | 3.20548200 | -1.47344600 | -1.34511800 |
| H | 3.56368700 | -1.99075000 | 0.31916900 |
| C | 3.47051700 | 1.26627200 | -0.93658100 |
| H | 2.92986000 | 1.03474100 | -1.85511700 |
| H | 4.53154400 | 1.38598700 | -1.17837400 |
| H | 3.10567400 | 2.21803500 | -0.53701200 |

| | | | |
|---|-------------|-------------|-------------|
| C | -1.94409300 | -1.94428500 | 0.60099600 |
| H | -2.16320100 | -1.73761200 | 1.66117700 |
| H | -1.09645300 | -2.63409600 | 0.56056800 |
| O | -3.03867900 | -2.57977100 | -0.03049200 |
| H | -3.70779500 | -1.88190600 | -0.15832600 |

1(β) == 1_c9a

| | | | |
|---|-------------|-------------|-------------|
| C | -1.42439500 | -0.34155100 | -0.09947500 |
| H | -1.32405800 | -0.63559600 | -1.15264600 |
| C | -2.49049900 | 0.76882400 | -0.01204700 |
| O | -2.19143600 | 1.91946900 | 0.31238100 |
| N | -3.74271300 | 0.39034800 | -0.32289300 |
| H | -3.90891700 | -0.60000200 | -0.45868500 |
| C | -4.87011100 | 1.30771900 | -0.25094500 |
| H | -5.75770700 | 0.79485400 | -0.62410100 |
| H | -4.68319900 | 2.19079100 | -0.86743400 |
| H | -5.05290800 | 1.63826200 | 0.77711400 |
| N | -0.17354300 | 0.21072300 | 0.37229100 |
| H | -0.22069000 | 1.16735800 | 0.70408700 |
| C | 1.02108200 | -0.25854600 | -0.08719000 |
| O | 1.14294100 | -1.27991700 | -0.74748000 |
| O | 2.01840800 | 0.55449200 | 0.31217100 |
| C | 3.43405900 | 0.26585400 | 0.00206900 |
| C | 4.16135700 | 1.43450600 | 0.66970500 |
| H | 3.83030100 | 2.38836400 | 0.24816200 |
| H | 5.23949400 | 1.34050500 | 0.50976800 |
| H | 3.97032400 | 1.44514700 | 1.74700700 |
| C | 3.85284000 | -1.06235600 | 0.63700000 |
| H | 4.93369500 | -1.19205800 | 0.51938400 |
| H | 3.34813500 | -1.90756000 | 0.16754700 |
| H | 3.62657100 | -1.06205400 | 1.70814900 |
| C | 3.65517000 | 0.28790100 | -1.51230000 |
| H | 3.14293500 | -0.54044800 | -2.00314200 |
| H | 4.72715600 | 0.20902900 | -1.72116500 |
| H | 3.29573600 | 1.23079800 | -1.93686900 |
| C | -1.80562200 | -1.60658500 | 0.70434700 |
| H | -2.13257900 | -1.33157000 | 1.71089300 |
| H | -0.92052400 | -2.24314200 | 0.78722100 |
| O | -2.88939600 | -2.32283900 | 0.10579900 |
| H | -2.54739100 | -2.84440700 | -0.63102600 |

1(δ)-(DMSO)₁ == 1_c5c.(DMSO)₁

| | | | |
|---|-------------|-------------|-------------|
| C | 1.64666200 | -1.01295300 | 1.02620100 |
| H | 2.15316000 | -0.49786500 | 1.84848700 |
| C | 2.77331500 | -1.50460800 | 0.09837200 |
| O | 3.71448700 | -2.15203600 | 0.56783600 |
| N | 2.66886000 | -1.20097800 | -1.20435700 |
| H | 1.86768500 | -0.66217200 | -1.49834200 |
| C | 3.66107600 | -1.60301000 | -2.18811900 |
| H | 3.34964300 | -1.23526900 | -3.16636400 |
| H | 3.75136000 | -2.69276300 | -2.22887700 |
| H | 4.64269800 | -1.18421200 | -1.94589600 |
| N | 0.72108000 | -0.07801900 | 0.40746000 |
| H | -0.20007000 | -0.40147700 | 0.12054600 |
| C | 0.92651300 | 1.26869600 | 0.47201200 |
| O | 1.94202900 | 1.78582400 | 0.91546800 |
| O | -0.13916000 | 1.92205600 | -0.03220100 |
| C | -0.17444800 | 3.39710400 | -0.14418700 |
| C | -1.54252900 | 3.64590000 | -0.78184400 |
| H | -1.61024600 | 3.15627800 | -1.75802300 |
| H | -1.69521200 | 4.71987100 | -0.92218900 |
| H | -2.34380100 | 3.26358300 | -0.14239700 |
| C | -0.10607300 | 4.03238200 | 1.24636500 |
| H | -0.27587800 | 5.11030900 | 1.15745200 |
| H | 0.86608400 | 3.87090300 | 1.71353000 |
| H | -0.88586700 | 3.61903800 | 1.89408800 |

| | | | |
|----------|-------------|-------------|-------------|
| C | 0.94469000 | 3.88232200 | -1.06827700 |
| H | 1.92873100 | 3.71921800 | -0.62720800 |
| H | 0.81852200 | 4.95415900 | -1.25200500 |
| H | 0.89558300 | 3.36553600 | -2.03213100 |
| C | 0.90563400 | -2.21929500 | 1.63151200 |
| H | 0.16707600 | -1.84693800 | 2.35363500 |
| H | 1.63768800 | -2.82493400 | 2.16999600 |
| O | 0.29867400 | -3.06184800 | 0.66624800 |
| H | -0.50498600 | -2.62208300 | 0.31384300 |
| O | -1.77722200 | -1.58184000 | -0.37294100 |
| S | -3.22819400 | -1.80779400 | 0.09594700 |
| C | -3.83131300 | -0.18352700 | 0.63261200 |
| C | -4.20071400 | -1.96385200 | -1.42682100 |
| H(Iso=2) | -3.27525500 | 0.07722500 | 1.53423800 |
| H(Iso=2) | -4.89607800 | -0.27209400 | 0.86102100 |
| H(Iso=2) | -3.65326300 | 0.54500000 | -0.16085700 |
| H(Iso=2) | -3.99394400 | -1.10739200 | -2.07197900 |
| H(Iso=2) | -3.89136400 | -2.89537500 | -1.90314300 |
| H(Iso=2) | -5.25808700 | -2.01306200 | -1.15653600 |

1(β)-(DMSO)₁ == 1_c9c.(DMSO)₁

| | | | |
|----------|-------------|-------------|-------------|
| C | 0.46939400 | 1.21341100 | -0.26964200 |
| H | 0.58850700 | 1.17936300 | -1.35996300 |
| C | 0.33404500 | 2.69169600 | 0.14882100 |
| O | 1.21467000 | 3.25535700 | 0.80790500 |
| N | -0.78581900 | 3.30330800 | -0.26445800 |
| H | -1.49568000 | 2.71579500 | -0.69193500 |
| C | -1.08795000 | 4.68727600 | 0.06668800 |
| H | -2.01356100 | 4.96846000 | -0.43710200 |
| H | -0.28484500 | 5.34720200 | -0.27251900 |
| H | -1.21406800 | 4.82320100 | 1.14622400 |
| N | 1.65667900 | 0.68282300 | 0.36711300 |
| H | 2.12080400 | 1.31669300 | 1.00711700 |
| C | 2.40679400 | -0.29090000 | -0.21967700 |
| O | 2.05082200 | -0.93644900 | -1.19548000 |
| O | 3.56956400 | -0.43753000 | 0.44687100 |
| C | 4.56536000 | -1.46536500 | 0.07406100 |
| C | 5.66657300 | -1.24780400 | 1.11349500 |
| H | 6.07303800 | -0.23444300 | 1.04115800 |
| H | 6.48003200 | -1.95955300 | 0.94560200 |
| H | 5.27910700 | -1.39738300 | 2.12583700 |
| C | 3.95885800 | -2.86302100 | 0.21780400 |
| H | 4.74480500 | -3.61167800 | 0.07512200 |
| H | 3.17489300 | -3.03793200 | -0.52005500 |
| H | 3.54115000 | -2.99734900 | 1.22078400 |
| C | 5.09641400 | -1.19742100 | -1.33601700 |
| H | 4.32585800 | -1.35650200 | -2.09128500 |
| H | 5.93099100 | -1.87589700 | -1.54043000 |
| H | 5.46724700 | -0.17049600 | -1.41593400 |
| C | -0.77390900 | 0.37193700 | 0.07825600 |
| H | -1.05562700 | 0.53769100 | 1.12727200 |
| H | -0.50822300 | -0.68472100 | -0.04507200 |
| O | -1.83075200 | 0.73375300 | -0.80090700 |
| H | -2.67994500 | 0.36621300 | -0.45560300 |
| O | -4.19518300 | -0.18386700 | 0.15537400 |
| S | -4.54154000 | -1.66401300 | -0.07911400 |
| C | -5.06754700 | -2.30141400 | 1.53673700 |
| C | -6.15935600 | -1.66400400 | -0.90154300 |
| H(Iso=2) | -4.18295200 | -2.30730900 | 2.17543500 |
| H(Iso=2) | -5.44133800 | -3.31938300 | 1.40356100 |
| H(Iso=2) | -5.83875800 | -1.64463200 | 1.94499600 |
| H(Iso=2) | -6.85794900 | -1.06098100 | -0.31750800 |
| H(Iso=2) | -6.00756400 | -1.23389700 | -1.89274900 |
| H(Iso=2) | -6.50231100 | -2.69763700 | -0.98971900 |

1(δ)-(DMSO)₂ == 1_c5c.(DMSO)₂

| | | | |
|---|-------------|-------------|-------------|
| C | -0.31483600 | -0.14685100 | -0.36153100 |
| H | 0.66646800 | 0.01250000 | 0.08959800 |

| | | | |
|----------|-------------|-------------|-------------|
| C | -1.29587000 | -0.22833200 | 0.82650600 |
| O | -1.17346100 | 0.57423600 | 1.76032400 |
| N | -2.24878900 | -1.17256900 | 0.79439600 |
| H | -2.39640000 | -1.71260000 | -0.05734300 |
| C | -3.24176700 | -1.28868800 | 1.85098000 |
| H | -3.86793200 | -2.15772600 | 1.64338400 |
| H | -3.87625100 | -0.39699400 | 1.90700800 |
| H | -2.75708300 | -1.42477700 | 2.82178200 |
| N | -0.21928500 | -1.34888100 | -1.16653200 |
| H | -1.02295700 | -1.64963200 | -1.71107400 |
| C | 0.81021900 | -2.22604000 | -1.02270600 |
| O | 1.77615900 | -2.05205000 | -0.29069700 |
| O | 0.61322100 | -3.29888600 | -1.81868200 |
| C | 1.58210400 | -4.41180100 | -1.88882300 |
| C | 0.92695800 | -5.35583600 | -2.89928900 |
| H | -0.05373300 | -5.68525300 | -2.54287300 |
| H | 1.55684500 | -6.23834000 | -3.04422500 |
| H | 0.79863100 | -4.85984900 | -3.86621300 |
| C | 2.92702300 | -3.90932700 | -2.41954500 |
| H | 3.58493900 | -4.76562300 | -2.60017800 |
| H | 3.41339400 | -3.24044500 | -1.70860100 |
| H | 2.78976700 | -3.38151400 | -3.36888700 |
| C | 1.70699100 | -5.09158600 | -0.52305300 |
| H | 2.17811700 | -4.43494100 | 0.20926900 |
| H | 2.31653800 | -5.99532000 | -0.62534000 |
| H | 0.72044600 | -5.38848100 | -0.15269600 |
| C | -0.62604600 | 1.08176800 | -1.22192400 |
| H | 0.17468000 | 1.19176800 | -1.96630200 |
| H | -0.62376700 | 1.96757200 | -0.57391900 |
| O | -1.88599700 | 0.91005800 | -1.85204000 |
| H | -2.10278600 | 1.72768000 | -2.35456300 |
| O | -2.53335400 | 3.13459200 | -3.32531600 |
| S | -2.91460900 | 4.41835400 | -2.57159200 |
| C | -2.16032300 | 5.77699000 | -3.50991900 |
| C | -4.65047600 | 4.74337500 | -2.99368400 |
| H(Iso=2) | -1.08004300 | 5.68011800 | -3.39124200 |
| H(Iso=2) | -2.50181600 | 6.72318000 | -3.08352100 |
| H(Iso=2) | -2.44642000 | 5.68789300 | -4.56025700 |
| H(Iso=2) | -4.76396100 | 4.72478700 | -4.07981000 |
| H(Iso=2) | -5.24079100 | 3.95316700 | -2.52709400 |
| H(Iso=2) | -4.93116500 | 5.71524900 | -2.58061700 |
| O | -2.89581000 | -2.52716900 | -1.79050500 |
| S | -4.08924500 | -1.84393000 | -2.47848800 |
| C | -3.47361000 | -1.27418400 | -4.08762800 |
| C | -5.14833100 | -3.19740900 | -3.06412000 |
| H(Iso=2) | -2.75242600 | -0.48498800 | -3.86974300 |
| H(Iso=2) | -4.31548700 | -0.87562100 | -4.65901800 |
| H(Iso=2) | -3.00194300 | -2.11135700 | -4.60700600 |
| H(Iso=2) | -4.54647400 | -3.89420600 | -3.65161000 |
| H(Iso=2) | -5.55505300 | -3.68675900 | -2.17766800 |
| H(Iso=2) | -5.95781100 | -2.77019300 | -3.66097500 |

1(β)-(DMSO)₂ == 1_c13b.(DMSO)₂

| | | | |
|---|-------------|-------------|-------------|
| C | 0.01342700 | -0.23238800 | -0.30152200 |
| H | 0.95040100 | 0.02038300 | -0.80676300 |
| C | 0.30595400 | -0.38317200 | 1.20917200 |
| O | -0.22150800 | -1.26611700 | 1.89155000 |
| N | 1.15314100 | 0.52938100 | 1.71408600 |
| H | 1.61727000 | 1.19360100 | 1.09074000 |
| C | 1.50454700 | 0.55396200 | 3.12481800 |
| H | 2.19558900 | 1.38120400 | 3.29421700 |
| H | 1.98783500 | -0.38004000 | 3.43080600 |
| H | 0.61757000 | 0.70012800 | 3.74949000 |
| N | -0.48512400 | -1.46043000 | -0.88376000 |
| H | -1.47508500 | -1.67740400 | -0.78584400 |
| C | 0.35512900 | -2.48509800 | -1.18235000 |
| O | 1.57689600 | -2.41108700 | -1.14626700 |
| O | -0.35640000 | -3.57463100 | -1.54661300 |

| | | | |
|----------|-------------|-------------|-------------|
| C | 0.29379400 | -4.82856500 | -1.97698500 |
| C | -0.90235200 | -5.73025200 | -2.28954300 |
| H | -1.52407000 | -5.87101500 | -1.40017600 |
| H | -0.55040100 | -6.71041600 | -2.62429000 |
| H | -1.51937100 | -5.29499700 | -3.08155200 |
| C | 1.12647800 | -4.58722900 | -3.23858300 |
| H | 1.48174800 | -5.54822100 | -3.62462800 |
| H | 1.99040000 | -3.95403700 | -3.03311500 |
| H | 0.51544400 | -4.11545600 | -4.01495000 |
| C | 1.12199600 | -5.41522100 | -0.83113700 |
| H | 1.98175800 | -4.78656500 | -0.59665000 |
| H | 1.48285100 | -6.40798100 | -1.11924300 |
| H | 0.50628400 | -5.52591500 | 0.06729400 |
| C | -0.96105100 | 0.93339500 | -0.56736800 |
| H | -1.17788900 | 0.95321800 | -1.64442000 |
| H | -0.46145200 | 1.86944800 | -0.30649500 |
| O | -2.15630000 | 0.89477600 | 0.19444600 |
| H | -2.68381600 | 0.10666000 | -0.05182600 |
| O | 2.69941300 | 2.33094400 | 0.03592000 |
| S | 2.27510000 | 3.72484000 | -0.44087800 |
| C | 3.33359900 | 4.90271600 | 0.44977400 |
| C | 3.00426100 | 3.92360100 | -2.09245000 |
| H(Iso=2) | 3.04126700 | 4.85636500 | 1.50007000 |
| H(Iso=2) | 3.14996100 | 5.90416900 | 0.05325000 |
| H(Iso=2) | 4.37842600 | 4.61037500 | 0.32355200 |
| H(Iso=2) | 4.07167000 | 3.69757900 | -2.04082000 |
| H(Iso=2) | 2.48996600 | 3.22104800 | -2.75008000 |
| H(Iso=2) | 2.83044900 | 4.94865400 | -2.42824600 |
| O | -3.45757400 | -1.47321100 | -0.50542000 |
| S | -4.11975500 | -2.45186100 | 0.48520600 |
| C | -3.69856500 | -1.85637900 | 2.14715100 |
| C | -5.88311800 | -2.02522300 | 0.48234800 |
| H(Iso=2) | -2.61034600 | -1.90453100 | 2.22634800 |
| H(Iso=2) | -4.16984500 | -2.52368500 | 2.87282700 |
| H(Iso=2) | -4.05109000 | -0.82974900 | 2.26757000 |
| H(Iso=2) | -5.99137700 | -0.95379700 | 0.66371500 |
| H(Iso=2) | -6.27350700 | -2.29678100 | -0.49958700 |
| H(Iso=2) | -6.37902000 | -2.61197300 | 1.25933100 |

1(β)-(DMSO)₃ == 1_c12a.(DMSO)₃

| | | | |
|---|-------------|-------------|-------------|
| C | -0.08880000 | 0.35676200 | -0.15587700 |
| H | 0.99464300 | 0.45407000 | -0.06866400 |
| C | -0.72665700 | 0.47471800 | 1.24058600 |
| O | -1.86930000 | 0.05568200 | 1.46325300 |
| N | 0.01974300 | 1.09974900 | 2.16516400 |
| H | 0.97168700 | 1.39779200 | 1.93655500 |
| C | -0.47583500 | 1.35700700 | 3.50785900 |
| H | 0.28677600 | 1.91129700 | 4.05709300 |
| H | -0.68694900 | 0.42297900 | 4.03932500 |
| H | -1.39575800 | 1.94972000 | 3.48070700 |
| N | -0.36432300 | -0.93011500 | -0.76241000 |
| H | -1.32590700 | -1.15162100 | -1.02959100 |
| C | 0.54167800 | -1.93995600 | -0.73248500 |
| O | 1.68600200 | -1.84294300 | -0.30428300 |
| O | 0.00122900 | -3.06217800 | -1.26089900 |
| C | 0.75809500 | -4.32466000 | -1.35888200 |
| C | -0.25861300 | -5.27049900 | -2.00252900 |
| H | -1.14810900 | -5.36965400 | -1.37299200 |
| H | 0.18614200 | -6.26161900 | -2.13125000 |
| H | -0.56588900 | -4.89894500 | -2.98476500 |
| C | 1.97482600 | -4.14759100 | -2.27118900 |
| H | 2.43774900 | -5.12402500 | -2.44798500 |
| H | 2.71691400 | -3.48568000 | -1.82353500 |
| H | 1.66968400 | -3.73714900 | -3.23916500 |
| C | 1.14090700 | -4.82354700 | 0.03709900 |
| H | 1.87132600 | -4.16657900 | 0.51066700 |
| H | 1.57348900 | -5.82612100 | -0.04442500 |
| H | 0.25384200 | -4.88836300 | 0.67555400 |

| | | | |
|----------|-------------|-------------|-------------|
| C | -0.59669600 | 1.51399800 | -1.04223300 |
| H | -0.48870800 | 2.44763500 | -0.47866800 |
| H | -1.66368800 | 1.37318800 | -1.25578600 |
| O | 0.15014800 | 1.64026200 | -2.23670600 |
| H | -0.30971100 | 1.18023200 | -2.97358100 |
| O | -3.20390100 | -1.45066400 | -1.60105600 |
| S | -4.10538000 | -1.94980100 | -0.46597500 |
| C | -4.95904600 | -0.48471800 | 0.18441300 |
| C | -5.52708600 | -2.73765800 | -1.27949500 |
| H(Iso=2) | -4.18741400 | 0.11704700 | 0.66649300 |
| H(Iso=2) | -5.70234900 | -0.81167700 | 0.91604400 |
| H(Iso=2) | -5.42741400 | 0.05207500 | -0.64379900 |
| H(Iso=2) | -5.95904900 | -2.04051200 | -2.00104500 |
| H(Iso=2) | -5.15016000 | -3.63060500 | -1.78087700 |
| H(Iso=2) | -6.25507200 | -3.01739000 | -0.51417900 |
| O | -1.13693500 | 0.63111200 | -4.42599800 |
| S | -0.94422300 | -0.81945200 | -4.89600300 |
| C | -2.61137700 | -1.52876000 | -4.98776100 |
| C | -0.59833100 | -0.71090800 | -6.67508900 |
| H(Iso=2) | -2.97820900 | -1.58187100 | -3.96001200 |
| H(Iso=2) | -2.53740100 | -2.52997700 | -5.41958000 |
| H(Iso=2) | -3.24083000 | -0.87900000 | -5.60033500 |
| H(Iso=2) | -1.37303800 | -0.10739300 | -7.15330500 |
| H(Iso=2) | 0.38051300 | -0.23982900 | -6.77842500 |
| H(Iso=2) | -0.57288000 | -1.72289100 | -7.08636200 |
| O | 2.69245200 | 2.09343100 | 1.63570200 |
| S | 3.91446500 | 1.26166000 | 2.04433800 |
| C | 5.08973600 | 1.39793500 | 0.66606800 |
| C | 4.81977400 | 2.27069900 | 3.25387200 |
| H(Iso=2) | 4.64469800 | 0.87072000 | -0.17917800 |
| H(Iso=2) | 6.02578200 | 0.91600400 | 0.95844200 |
| H(Iso=2) | 5.24234400 | 2.45333000 | 0.42962000 |
| H(Iso=2) | 5.76194400 | 1.77013000 | 3.48953600 |
| H(Iso=2) | 4.19364500 | 2.32913300 | 4.14568000 |
| H(Iso=2) | 4.99134800 | 3.26418300 | 2.83354100 |

2(β ,ppm)

| | | | |
|---|-------------|-------------|-------------|
| C | -5.62117800 | 0.56049700 | -0.50512600 |
| C | -5.53269900 | 2.05281900 | -0.17575300 |
| H | -6.54112000 | 2.47947800 | -0.16309800 |
| H | -5.07086200 | 2.22050700 | 0.79783000 |
| H | -4.95199900 | 2.57864100 | -0.94055200 |
| C | -6.28056900 | 0.34920100 | -1.86952400 |
| H | -5.73184500 | 0.88278300 | -2.65154000 |
| H | -6.30692100 | -0.71403600 | -2.12667300 |
| H | -7.30740700 | 0.72600800 | -1.84826700 |
| C | -6.35455400 | -0.23627300 | 0.57666600 |
| H | -6.35323600 | -1.30338900 | 0.33203100 |
| H | -5.89638600 | -0.09635600 | 1.55649900 |
| H | -7.39589300 | 0.09840500 | 0.62735600 |
| O | -4.26961600 | 0.00434400 | -0.71677400 |
| C | -3.34655600 | -0.01780600 | 0.26771200 |
| O | -3.48652100 | 0.42780100 | 1.39657600 |
| N | -2.21423900 | -0.62557800 | -0.17768100 |
| C | -1.00545800 | -0.68874000 | 0.61017200 |
| H | -0.97837400 | 0.15783900 | 1.30206100 |
| H | -2.13777500 | -0.87482900 | -1.15493300 |
| C | 0.19656200 | -0.65030400 | -0.33021600 |
| O | 0.11181500 | -0.98970900 | -1.50817800 |
| N | 1.36408000 | -0.28393100 | 0.25620500 |
| C | 2.64524000 | -0.60671900 | -0.34018700 |
| H | 2.59836200 | -0.33732500 | -1.39845600 |
| C | 2.91073100 | -2.12490400 | -0.22063900 |
| O | 2.41641100 | -2.80055000 | 0.68721100 |
| N | 3.74365500 | -2.64831900 | -1.13432200 |
| C | 4.12087700 | -4.05630200 | -1.13636500 |
| H | 4.88839400 | -4.20880600 | -1.89593000 |
| H | 4.51971600 | -4.34209900 | -0.16018700 |

| | | | |
|---|-------------|-------------|-------------|
| H | 3.26012700 | -4.69376900 | -1.36113400 |
| H | 1.34287800 | -0.16081100 | 1.26043400 |
| H | 4.05139500 | -2.06835000 | -1.90050600 |
| C | -0.96151400 | -2.00316400 | 1.44769200 |
| H | -1.85062300 | -2.01006900 | 2.08340800 |
| H | -1.02016900 | -2.85988000 | 0.76351600 |
| O | 0.16794500 | -2.09107600 | 2.29526700 |
| H | 0.94039700 | -2.39036100 | 1.77564400 |
| C | 3.78218800 | 0.18775700 | 0.34700000 |
| H | 3.81086800 | -0.08502800 | 1.40818600 |
| H | 4.73027000 | -0.14597100 | -0.08722400 |
| C | 3.64822600 | 1.68851000 | 0.19817500 |
| C | 3.25240200 | 2.48724700 | 1.27666300 |
| C | 3.92380500 | 2.30922300 | -1.02759100 |
| C | 3.12618400 | 3.87098300 | 1.13519700 |
| H | 3.04666600 | 2.02681300 | 2.23898700 |
| C | 3.79860400 | 3.69029000 | -1.17439200 |
| H | 4.24412100 | 1.70860800 | -1.87492300 |
| C | 3.39711200 | 4.47654200 | -0.09180800 |
| H | 2.81842100 | 4.47269300 | 1.98454900 |
| H | 4.01876900 | 4.15276900 | -2.13145300 |
| H | 3.30106600 | 5.55170300 | -0.20391200 |

2(β , β)

| | | | |
|---|-------------|-------------|-------------|
| C | -6.02371500 | -1.20299700 | -0.05169200 |
| C | -6.32229400 | -1.15507400 | -1.55156600 |
| H | -7.37599800 | -1.40342400 | -1.71542600 |
| H | -6.12914800 | -0.16563400 | -1.96748000 |
| H | -5.71360000 | -1.89147500 | -2.08594400 |
| C | -6.30343800 | -2.59765300 | 0.51049900 |
| H | -5.71784000 | -3.35397200 | -0.02063900 |
| H | -6.05137600 | -2.64504000 | 1.57409700 |
| H | -7.36449200 | -2.83701800 | 0.39470000 |
| C | -6.79014900 | -0.13895200 | 0.73649500 |
| H | -6.50544100 | -0.16594300 | 1.79318300 |
| H | -6.60762500 | 0.86226800 | 0.34434400 |
| H | -7.86275400 | -0.34783500 | 0.66965200 |
| O | -4.56721800 | -1.05770200 | 0.17944800 |
| C | -3.90277100 | 0.06568500 | -0.13227300 |
| O | -4.38160700 | 1.03975000 | -0.71277500 |
| N | -2.61825400 | -0.01164100 | 0.28416300 |
| C | -1.58432300 | 0.95066500 | -0.05624400 |
| H | -1.58441000 | 1.13015400 | -1.13891500 |
| H | -2.30362800 | -0.84030000 | 0.77451500 |
| C | -0.24273700 | 0.30254400 | 0.33368200 |
| O | -0.19515300 | -0.67154200 | 1.08456000 |
| N | 0.85224900 | 0.88590200 | -0.18903100 |
| C | 2.20638400 | 0.44502500 | 0.10455300 |
| H | 2.23261300 | 0.09525900 | 1.13950800 |
| C | 3.11611500 | 1.66784500 | -0.07703500 |
| O | 2.86764700 | 2.50685100 | -0.94437900 |
| N | 4.17776200 | 1.74787300 | 0.74375500 |
| C | 5.17888300 | 2.79904400 | 0.62429100 |
| H | 5.84312600 | 2.74514600 | 1.48754000 |
| H | 5.76871000 | 2.68459300 | -0.29114000 |
| H | 4.69392500 | 3.77760100 | 0.60459000 |
| H | 0.77669400 | 1.66978400 | -0.82685200 |
| H | 4.34242400 | 0.99682700 | 1.39694100 |
| C | -1.76466000 | 2.32137900 | 0.64267900 |
| H | -2.02880300 | 2.13902200 | 1.69465100 |
| H | -0.82075300 | 2.87368400 | 0.61998200 |
| O | -2.72563800 | 3.13914300 | 0.00064900 |
| H | -3.46799500 | 2.56548800 | -0.27425700 |
| C | 2.62841400 | -0.72160700 | -0.83672300 |
| H | 1.83488300 | -1.47220200 | -0.76976600 |
| H | 2.63996400 | -0.34483400 | -1.86438100 |
| C | 3.95912900 | -1.34990600 | -0.48885900 |
| C | 4.07304800 | -2.20701000 | 0.61536700 |

| | | | |
|---|------------|-------------|-------------|
| C | 5.10292000 | -1.09319500 | -1.25477500 |
| C | 5.29852600 | -2.78425400 | 0.94983200 |
| H | 3.19272500 | -2.43319100 | 1.21117700 |
| C | 6.33053400 | -1.67168800 | -0.92592000 |
| H | 5.03154300 | -0.43868900 | -2.11895900 |
| C | 6.43277000 | -2.51718500 | 0.17965900 |
| H | 5.36531700 | -3.44902700 | 1.80546000 |
| H | 7.20416600 | -1.46410300 | -1.53593500 |
| H | 7.38540000 | -2.97005900 | 0.43528700 |

2(δ,δ)

| | | | |
|---|-------------|-------------|-------------|
| C | -4.44500100 | -0.67214500 | -0.91678000 |
| C | -4.16750700 | 0.71797200 | -1.49086800 |
| H | -5.09666200 | 1.13003800 | -1.89734900 |
| H | -3.79286900 | 1.40005200 | -0.72694000 |
| H | -3.43983400 | 0.65835600 | -2.30654200 |
| C | -4.97897200 | -1.60924100 | -2.00075100 |
| H | -4.28070600 | -1.66942400 | -2.84092800 |
| H | -5.13229600 | -2.61617400 | -1.60141200 |
| H | -5.93691700 | -1.23525300 | -2.37334700 |
| C | -5.39231200 | -0.63582500 | 0.28373700 |
| H | -5.52306100 | -1.64034200 | 0.69840500 |
| H | -5.02257300 | 0.02672000 | 1.06719500 |
| H | -6.37240400 | -0.27480900 | -0.04420800 |
| O | -3.17037700 | -1.32713500 | -0.53357400 |
| C | -2.36123800 | -0.82266100 | 0.41037900 |
| O | -2.54973900 | 0.19335200 | 1.06618300 |
| N | -1.24268300 | -1.59503900 | 0.53576000 |
| C | -0.32435000 | -1.44612500 | 1.65053300 |
| H | -0.88503000 | -1.32221800 | 2.58334100 |
| H | -1.16986800 | -2.42491500 | -0.03643600 |
| C | 0.58357200 | -0.20631500 | 1.57652800 |
| O | 1.19729300 | 0.15504700 | 2.57525700 |
| N | 0.65546900 | 0.41391400 | 0.37696400 |
| C | 1.44234600 | 1.60714300 | 0.12819700 |
| H | 2.11495400 | 1.71790100 | 0.98393700 |
| C | 0.60474700 | 2.90407700 | 0.09419200 |
| O | 1.14616600 | 3.97206600 | -0.19343500 |
| N | -0.70072700 | 2.80614500 | 0.40846300 |
| C | -1.55309500 | 3.98299600 | 0.48329800 |
| H | -2.56261600 | 3.66305700 | 0.74428000 |
| H | -1.19101100 | 4.68252900 | 1.24352200 |
| H | -1.57792500 | 4.50551000 | -0.47736600 |
| H | 0.13505200 | 0.00194200 | -0.38586600 |
| H | -1.08989100 | 1.91241400 | 0.68328200 |
| C | 0.52286200 | -2.72344500 | 1.78928200 |
| H | 1.25095700 | -2.57549400 | 2.59246200 |
| H | -0.13338700 | -3.55430800 | 2.06161000 |
| O | 1.14984800 | -3.10757600 | 0.57045700 |
| H | 1.90471700 | -2.53066700 | 0.39082200 |
| C | 2.28368500 | 1.46334400 | -1.16054500 |
| H | 1.61182000 | 1.28221400 | -2.00846800 |
| H | 2.76588900 | 2.42801900 | -1.33562900 |
| C | 3.31454800 | 0.36003800 | -1.06922500 |
| C | 3.11021900 | -0.87838200 | -1.69071800 |
| C | 4.49752600 | 0.55202100 | -0.34233800 |
| C | 4.05523900 | -1.90265300 | -1.58209300 |
| H | 2.21005500 | -1.04228500 | -2.27697000 |
| C | 5.44413100 | -0.46634000 | -0.23082000 |
| H | 4.68036500 | 1.50881600 | 0.13931900 |
| C | 5.22493000 | -1.69986700 | -0.84840600 |
| H | 3.87914900 | -2.85289500 | -2.07673600 |
| H | 6.35447400 | -0.29530700 | 0.33516000 |
| H | 5.96168500 | -2.49223000 | -0.76415800 |

2(γ,β)

| | | | |
|---|------------|-------------|-------------|
| C | 4.17511300 | -2.17991600 | -0.20188200 |
| C | 2.92572600 | -3.05818100 | -0.10888400 |

| | | | |
|---|-------------|-------------|-------------|
| H | 3.23021200 | -4.10085600 | 0.02845900 |
| H | 2.29291100 | -2.76816600 | 0.73064000 |
| H | 2.34384200 | -2.99484500 | -1.03401400 |
| C | 5.05005200 | -2.60744000 | -1.38134600 |
| H | 4.48386400 | -2.57265000 | -2.31697300 |
| H | 5.92059900 | -1.95146000 | -1.47614300 |
| H | 5.40317300 | -3.63137200 | -1.22816600 |
| C | 4.98464200 | -2.17041700 | 1.09650200 |
| H | 5.83673300 | -1.48846300 | 1.01096200 |
| H | 4.37248900 | -1.86992400 | 1.94760700 |
| H | 5.37338900 | -3.17656100 | 1.28438900 |
| O | 3.79834500 | -0.79685600 | -0.57351100 |
| C | 3.00748100 | -0.04021800 | 0.20657500 |
| O | 2.52417100 | -0.36785400 | 1.28361900 |
| N | 2.80810100 | 1.17748900 | -0.36384400 |
| C | 2.01418800 | 2.21618900 | 0.27254100 |
| H | 2.15023000 | 2.12659900 | 1.35467900 |
| H | 3.16849300 | 1.35488200 | -1.29109100 |
| C | 0.51282900 | 2.04011300 | -0.05120300 |
| O | -0.05946600 | 2.75249900 | -0.88429700 |
| N | -0.10470900 | 1.05958700 | 0.63376200 |
| C | -1.49631900 | 0.69549000 | 0.41331900 |
| H | -2.01735600 | 1.59309400 | 0.07370300 |
| C | -2.06274600 | 0.21122200 | 1.75415700 |
| O | -1.42470900 | -0.56978800 | 2.45909100 |
| N | -3.27980400 | 0.67944400 | 2.09007100 |
| C | -3.97446500 | 0.24699700 | 3.29441900 |
| H | -4.89744700 | 0.82051100 | 3.38736500 |
| H | -4.21715500 | -0.81944100 | 3.24862500 |
| H | -3.35253700 | 0.42272100 | 4.17589800 |
| H | 0.44906900 | 0.46290900 | 1.24332500 |
| H | -3.76004400 | 1.29153100 | 1.44857600 |
| C | 2.50930000 | 3.59417700 | -0.17374600 |
| H | 1.91677300 | 4.36767800 | 0.33045200 |
| H | 3.55506000 | 3.71170400 | 0.12173200 |
| O | 2.45947400 | 3.74993500 | -1.58650600 |
| H | 1.52142400 | 3.65181000 | -1.82130200 |
| C | -1.62063500 | -0.40614400 | -0.67674700 |
| H | -1.07767100 | -0.04059000 | -1.55422500 |
| H | -1.10397100 | -1.30116600 | -0.31687200 |
| C | -3.04752900 | -0.73618600 | -1.05361300 |
| C | -3.77647900 | 0.11602500 | -1.89540600 |
| C | -3.67408800 | -1.89103100 | -0.56910500 |
| C | -5.09765900 | -0.17392600 | -2.23762600 |
| H | -3.30201800 | 1.00886400 | -2.29416700 |
| C | -4.99556400 | -2.18620300 | -0.91049300 |
| H | -3.12174200 | -2.56708300 | 0.07746700 |
| C | -5.71255300 | -1.32703700 | -1.74435100 |
| H | -5.64347700 | 0.49564900 | -2.89515600 |
| H | -5.46160200 | -3.08898500 | -0.52795500 |
| H | -6.73864500 | -1.55658500 | -2.01357300 |

2(δ,β)

| | | | |
|---|------------|-------------|-------------|
| C | 5.13145800 | -1.43812600 | -0.49318800 |
| C | 4.66926300 | -2.50514300 | 0.50099300 |
| H | 5.45900800 | -3.25476800 | 0.61480100 |
| H | 4.45527100 | -2.07552200 | 1.48035700 |
| H | 3.77237000 | -3.01125000 | 0.13010700 |
| C | 5.43065200 | -2.06278000 | -1.85672700 |
| H | 4.55546100 | -2.59624700 | -2.23952600 |
| H | 5.71597000 | -1.29426200 | -2.58147000 |
| H | 6.25644600 | -2.77419400 | -1.76406600 |
| C | 6.33569400 | -0.64208900 | 0.01369100 |
| H | 6.60051400 | 0.14634900 | -0.69815500 |
| H | 6.13689600 | -0.19049600 | 0.98626800 |
| H | 7.19492600 | -1.31382000 | 0.10978800 |
| O | 4.01208500 | -0.51865200 | -0.80479100 |
| C | 3.42085500 | 0.22666200 | 0.14506400 |

| | | | |
|---|-------------|-------------|-------------|
| O | 3.73456100 | 0.28677400 | 1.32018800 |
| N | 2.36664800 | 0.91430600 | -0.40642600 |
| C | 1.68517000 | 1.97577400 | 0.30796600 |
| H | 2.08480600 | 1.97987100 | 1.32694800 |
| H | 2.29841400 | 0.88724300 | -1.41509900 |
| C | 0.17010000 | 1.74588200 | 0.43945400 |
| O | -0.57247800 | 2.67697700 | 0.77996800 |
| N | -0.28010400 | 0.50625100 | 0.19284800 |
| C | -1.67200300 | 0.11477600 | 0.33984900 |
| H | -2.10352300 | 0.69947000 | 1.15631300 |
| C | -1.67832800 | -1.38216900 | 0.67780400 |
| O | -0.86315900 | -2.14366300 | 0.15507000 |
| N | -2.61856600 | -1.79383400 | 1.54609800 |
| C | -2.80085200 | -3.19742300 | 1.88936400 |
| H | -3.54027900 | -3.26610900 | 2.68795400 |
| H | -3.14953100 | -3.77388800 | 1.02643300 |
| H | -1.85772200 | -3.62731000 | 2.23541500 |
| H | 0.37442100 | -0.21832700 | -0.07771500 |
| H | -3.27653900 | -1.11907500 | 1.90555100 |
| C | 1.97726000 | 3.35448200 | -0.32689000 |
| H | 3.06153600 | 3.46634300 | -0.41339500 |
| H | 1.55013000 | 3.38954100 | -1.34208900 |
| O | 1.50146000 | 4.42903000 | 0.46124500 |
| H | 0.58333200 | 4.19820500 | 0.69377000 |
| C | -2.47008200 | 0.40114700 | -0.96593800 |
| H | -2.27736900 | 1.44768500 | -1.22131400 |
| H | -2.04898600 | -0.21717300 | -1.76509200 |
| C | -3.95921900 | 0.16764500 | -0.84586100 |
| C | -4.77284200 | 1.09671000 | -0.18145400 |
| C | -4.55839300 | -0.97539100 | -1.38939000 |
| C | -6.14622400 | 0.88461900 | -0.05620100 |
| H | -4.32892900 | 1.99849100 | 0.23182200 |
| C | -5.93289400 | -1.19008100 | -1.26921700 |
| H | -3.94503200 | -1.70184800 | -1.91515700 |
| C | -6.73102300 | -0.26156700 | -0.59950500 |
| H | -6.75998800 | 1.61806400 | 0.45743000 |
| H | -6.37872500 | -2.08019400 | -1.70213000 |
| H | -7.80002900 | -0.42513600 | -0.50770100 |

2(δ,δ)-(DMSO)₁

| | | | |
|---|-------------|-------------|-------------|
| C | -2.51482000 | 2.97529000 | -1.22405000 |
| C | -1.31104000 | 3.51505000 | -1.99804000 |
| H | -1.62214900 | 4.38993000 | -2.57774000 |
| H | -0.50297000 | 3.81385000 | -1.32929000 |
| H | -0.93604000 | 2.76137000 | -2.69772000 |
| C | -3.63865000 | 2.57897000 | -2.18256000 |
| H | -3.28523000 | 1.84478000 | -2.91270000 |
| H | -4.48241000 | 2.14940000 | -1.63434000 |
| H | -3.99100000 | 3.46238000 | -2.72265000 |
| C | -3.02657000 | 3.95709000 | -0.16841000 |
| H | -3.84805000 | 3.51187000 | 0.40179000 |
| H | -2.23538000 | 4.25395000 | 0.52091000 |
| H | -3.40780900 | 4.85307000 | -0.66870000 |
| O | -2.17021000 | 1.68001000 | -0.58850000 |
| C | -1.19729000 | 1.56428000 | 0.32722000 |
| O | -0.52756000 | 2.48324000 | 0.78887000 |
| N | -1.01770000 | 0.25700000 | 0.67233000 |
| C | -0.25931000 | -0.09305000 | 1.86532000 |
| H | -0.57849000 | 0.52603000 | 2.71100000 |
| H | -1.71181000 | -0.40680000 | 0.32796000 |
| C | 1.25266000 | 0.14863900 | 1.73890000 |
| O | 1.94677000 | 0.23716900 | 2.75086000 |
| N | 1.74963000 | 0.23226900 | 0.48557000 |
| C | 3.14497000 | 0.50850900 | 0.19683000 |
| H | 3.74005000 | 0.07379900 | 1.00456000 |
| C | 3.50292000 | 2.01074900 | 0.19726000 |
| O | 4.68627000 | 2.34589900 | 0.08135000 |
| N | 2.50027000 | 2.89386900 | 0.32106000 |

| | | | |
|----------|-------------|-------------|-------------|
| C | 2.74525000 | 4.32770900 | 0.35692000 |
| H | 1.78682100 | 4.83898900 | 0.45306000 |
| H | 3.38072100 | 4.59731900 | 1.20658000 |
| H | 3.23855100 | 4.66196900 | -0.56063000 |
| H | 1.09494000 | 0.14012900 | -0.28027000 |
| H | 1.54794000 | 2.56983900 | 0.45599000 |
| C | -0.49558000 | -1.57024000 | 2.24319000 |
| H | -0.20394000 | -2.21774000 | 1.40553000 |
| H | 0.15094000 | -1.79955100 | 3.09300000 |
| O | -1.82971000 | -1.82876000 | 2.63979000 |
| H | -2.36871000 | -1.96047000 | 1.83351000 |
| C | 3.56720000 | -0.13118100 | -1.14498000 |
| H | 2.93115000 | 0.26541900 | -1.94493000 |
| H | 4.58607000 | 0.20838900 | -1.34864000 |
| C | 3.51127000 | -1.64382100 | -1.14230000 |
| C | 2.52159000 | -2.33156100 | -1.85415000 |
| C | 4.46018000 | -2.39001100 | -0.42869000 |
| C | 2.47295900 | -3.72813100 | -1.84982000 |
| H | 1.78487000 | -1.77197100 | -2.42401000 |
| C | 4.41540900 | -3.78409100 | -0.42001000 |
| H | 5.24474000 | -1.87616100 | 0.12042000 |
| C | 3.41906900 | -4.45901100 | -1.13070000 |
| H | 1.69774900 | -4.24146100 | -2.41019000 |
| H | 5.16113900 | -4.34356100 | 0.13624000 |
| H | 3.38488900 | -5.54380100 | -1.12669000 |
| O | -2.91891000 | -1.95906000 | 0.10520000 |
| S | -4.32834000 | -2.00998000 | -0.51209000 |
| C | -5.48076000 | -1.55844000 | 0.81595000 |
| C | -4.73861100 | -3.77311000 | -0.63049000 |
| H(Iso=2) | -5.29096000 | -0.51121000 | 1.05584000 |
| H(Iso=2) | -6.49889000 | -1.67747000 | 0.43794000 |
| H(Iso=2) | -5.30341000 | -2.19727000 | 1.68370000 |
| H(Iso=2) | -5.77589100 | -3.86279000 | -0.96167000 |
| H(Iso=2) | -4.06817100 | -4.20248000 | -1.37651000 |
| H(Iso=2) | -4.58950100 | -4.24184000 | 0.34454000 |

2(δ,β)-(DMSO)₂

| | | | |
|---|-------------|-------------|-------------|
| C | 4.17357000 | -2.59028100 | -1.51642000 |
| C | 3.07508000 | -3.06538100 | -2.47009000 |
| H | 3.51613000 | -3.72558100 | -3.22387000 |
| H | 2.29420000 | -3.61363100 | -1.94189000 |
| H | 2.62409000 | -2.21321100 | -2.98851000 |
| C | 5.26457000 | -1.84274100 | -2.28509000 |
| H | 4.83971000 | -1.00202100 | -2.84184000 |
| H | 6.02805000 | -1.45996100 | -1.60119000 |
| H | 5.74577000 | -2.52003100 | -2.99655000 |
| C | 4.77924000 | -3.73417100 | -0.69998000 |
| H | 5.52209000 | -3.34846100 | 0.00564000 |
| H | 4.01429000 | -4.28072100 | -0.14708000 |
| H | 5.28452000 | -4.43044100 | -1.37712000 |
| O | 3.64791000 | -1.54401100 | -0.61152000 |
| C | 2.63988000 | -1.78550100 | 0.24938000 |
| O | 2.06218000 | -2.85322000 | 0.39624000 |
| N | 2.33460000 | -0.64973100 | 0.94089000 |
| C | 1.39337000 | -0.67403000 | 2.04701000 |
| H | 1.34817000 | -1.69759000 | 2.43192000 |
| H | 2.95008000 | 0.15468900 | 0.82679000 |
| C | -0.05702000 | -0.32412000 | 1.66371000 |
| O | -0.95938000 | -0.47879000 | 2.49111000 |
| N | -0.25780000 | 0.13834000 | 0.41677000 |
| C | -1.56203000 | 0.51635000 | -0.10927000 |
| H | -2.31726000 | 0.02166000 | 0.50309000 |
| C | -1.63405000 | 0.01779000 | -1.55871000 |
| O | -0.76399000 | 0.35131000 | -2.37317000 |
| N | -2.67079000 | -0.77374000 | -1.86025000 |
| C | -2.86538000 | -1.30760000 | -3.19939000 |
| H | -3.78935000 | -1.88720000 | -3.20899000 |

| | | | |
|----------|-------------|-------------|-------------|
| H | -2.94401000 | -0.49967000 | -3.93308000 |
| H | -2.03369000 | -1.95694000 | -3.49200000 |
| H | 0.54246000 | 0.23486000 | -0.19512000 |
| H | -3.31852000 | -1.06015000 | -1.12297000 |
| C | 1.85987000 | 0.22800000 | 3.20409000 |
| H | 1.16184000 | 0.09810000 | 4.03373000 |
| H | 2.85215000 | -0.11021100 | 3.52973000 |
| O | 1.87061000 | 1.60944000 | 2.88234000 |
| H | 2.63338000 | 1.79503900 | 2.29589000 |
| C | -1.75880000 | 2.05390000 | -0.03265000 |
| H | -1.57014000 | 2.34504000 | 1.00569000 |
| H | -0.99019000 | 2.52636000 | -0.65208000 |
| C | -3.13360000 | 2.52030000 | -0.45747000 |
| C | -4.21980000 | 2.43303000 | 0.42471000 |
| C | -3.35522000 | 3.04634000 | -1.73662000 |
| C | -5.49281000 | 2.85401000 | 0.03864000 |
| H | -4.06576000 | 2.03834000 | 1.42538000 |
| C | -4.62761000 | 3.46913000 | -2.12809000 |
| H | -2.52390000 | 3.12969000 | -2.43084000 |
| C | -5.70152000 | 3.37288000 | -1.24159000 |
| H | -6.31969000 | 2.78149000 | 0.73838000 |
| H | -4.77722000 | 3.87692000 | -3.12307000 |
| H | -6.69046000 | 3.70382000 | -1.54253000 |
| O | -4.62252000 | -1.64438000 | 0.11053000 |
| S | -4.67426000 | -2.82380000 | 1.08894000 |
| C | -4.08638000 | -2.18517000 | 2.68580000 |
| C | -3.24865000 | -3.88232000 | 0.69746000 |
| H(Iso=2) | -4.84080000 | -1.47687000 | 3.03308000 |
| H(Iso=2) | -4.01542000 | -3.02344000 | 3.38376000 |
| H(Iso=2) | -3.11980000 | -1.69306000 | 2.54949000 |
| H(Iso=2) | -3.20478000 | -4.68701000 | 1.43526000 |
| H(Iso=2) | -3.42716000 | -4.29661000 | -0.29616000 |
| H(Iso=2) | -2.33650000 | -3.28241000 | 0.71203000 |
| O | 4.02432000 | 1.83666900 | 1.14036000 |
| S | 4.08041000 | 2.98126900 | 0.10751000 |
| C | 5.46859000 | 2.56781900 | -0.98326000 |
| C | 4.83322000 | 4.38184900 | 0.98074000 |
| H(Iso=2) | 5.17677000 | 1.67595900 | -1.53944000 |
| H(Iso=2) | 5.62748000 | 3.40301900 | -1.66930000 |
| H(Iso=2) | 6.35550000 | 2.37667900 | -0.37552000 |
| H(Iso=2) | 5.76560000 | 4.05350900 | 1.44494000 |
| H(Iso=2) | 5.00727000 | 5.18394900 | 0.25971000 |
| H(Iso=2) | 4.11443000 | 4.70586900 | 1.73493000 |

2(x,β)-(DMSO)₂

| | | | |
|---|-------------|-------------|-------------|
| C | -4.04754000 | 4.00157900 | -0.25051000 |
| C | -4.47318000 | 3.77361000 | 1.20173000 |
| H | -5.29866000 | 4.45058000 | 1.44449000 |
| H | -4.80483000 | 2.74770000 | 1.36577000 |
| H | -3.64387000 | 3.99301900 | 1.88182000 |
| C | -3.59747000 | 5.44891900 | -0.45771000 |
| H | -2.78139000 | 5.70239900 | 0.22575000 |
| H | -3.25427000 | 5.60504900 | -1.48490000 |
| H | -4.43337000 | 6.12764000 | -0.26517000 |
| C | -5.14487000 | 3.63067000 | -1.25051000 |
| H | -4.78428000 | 3.75367000 | -2.27682000 |
| H | -5.48194000 | 2.60245000 | -1.11316000 |
| H | -6.00014000 | 4.29931000 | -1.10954000 |
| O | -2.81379000 | 3.24044900 | -0.54529000 |
| C | -2.77260000 | 1.89438900 | -0.49591000 |
| O | -3.69597000 | 1.15771900 | -0.17644000 |
| N | -1.54188000 | 1.45374900 | -0.87562000 |
| C | -1.14036000 | 0.07305900 | -0.70047000 |
| H | -1.61905000 | -0.33773100 | 0.19720000 |
| H | -0.78434000 | 2.12596900 | -0.90081000 |
| C | 0.38365000 | 0.05257900 | -0.47330000 |
| O | 1.02191000 | 1.10147900 | -0.34592000 |
| N | 0.92916900 | -1.17663100 | -0.41493000 |

| | | | |
|----------|-------------|-------------|-------------|
| C | 2.35023900 | -1.42145100 | -0.22468000 |
| H | 2.83724000 | -0.44804100 | -0.16633000 |
| C | 2.88919900 | -2.21554100 | -1.42450000 |
| O | 2.31452900 | -3.24275100 | -1.80355000 |
| N | 4.01192900 | -1.74299100 | -1.98394000 |
| C | 4.65708900 | -2.42089100 | -3.09805000 |
| H | 5.57319900 | -1.88285100 | -3.34537000 |
| H | 4.90946900 | -3.45213100 | -2.83338000 |
| H | 4.00771900 | -2.44220100 | -3.97960000 |
| H | 0.33024900 | -1.96121100 | -0.66533000 |
| H | 4.40686900 | -0.85550100 | -1.66560000 |
| C | -1.58701100 | -0.79533100 | -1.90364000 |
| H | -2.63483000 | -0.55645100 | -2.11606000 |
| H | -0.99342000 | -0.53734100 | -2.78674000 |
| O | -1.41905100 | -2.18382100 | -1.66295000 |
| H | -2.15180100 | -2.49871100 | -1.07944000 |
| C | 2.62701900 | -2.21972100 | 1.07685000 |
| H | 2.09615900 | -3.17478100 | 1.01154000 |
| H | 3.69875900 | -2.44656100 | 1.10215000 |
| C | 2.23002900 | -1.48250100 | 2.33558000 |
| C | 0.99857900 | -1.72532100 | 2.95688000 |
| C | 3.08891000 | -0.53273100 | 2.90635000 |
| C | 0.62979900 | -1.03390100 | 4.11335000 |
| H | 0.32459900 | -2.46583100 | 2.53606000 |
| C | 2.72569000 | 0.16035900 | 4.06159000 |
| H | 4.05252000 | -0.33648100 | 2.44381000 |
| C | 1.49216000 | -0.08737100 | 4.66904000 |
| H | -0.32841100 | -1.23888100 | 4.58077000 |
| H | 3.40718000 | 0.88892900 | 4.48987000 |
| H | 1.20910000 | 0.44838900 | 5.56956000 |
| O | 5.26609000 | 0.81808900 | -1.43864000 |
| S | 5.28608000 | 1.70875900 | -0.19001000 |
| C | 4.02752000 | 2.98791900 | -0.46979000 |
| C | 6.76351000 | 2.75191900 | -0.35265000 |
| H(Iso=2) | 3.06104000 | 2.47946900 | -0.45955000 |
| H(Iso=2) | 4.08375000 | 3.71251900 | 0.34645000 |
| H(Iso=2) | 4.21326000 | 3.46372900 | -1.43562000 |
| H(Iso=2) | 6.76199000 | 3.48307900 | 0.45937000 |
| H(Iso=2) | 7.62797000 | 2.09224900 | -0.26130000 |
| H(Iso=2) | 6.74911000 | 3.24213900 | -1.32863000 |
| O | -3.37787100 | -3.06927100 | 0.00031000 |
| S | -4.84575100 | -2.90562000 | -0.43153000 |
| C | -5.55840100 | -1.68693000 | 0.70805000 |
| C | -5.69768100 | -4.38490000 | 0.18330000 |
| H(Iso=2) | -5.05930100 | -0.73930000 | 0.49569000 |
| H(Iso=2) | -6.62919100 | -1.60937000 | 0.50380000 |
| H(Iso=2) | -5.37340100 | -2.00886000 | 1.73539000 |
| H(Iso=2) | -6.76930100 | -4.26448000 | 0.00743000 |
| H(Iso=2) | -5.31615100 | -5.23093000 | -0.39048000 |
| H(Iso=2) | -5.48048100 | -4.50540000 | 1.24693000 |

2(β , β)-(DMSO)₃

| | | | |
|---|-------------|-------------|------------|
| C | -5.00553000 | -1.82997900 | 1.94513000 |
| C | -4.46328000 | -2.93810900 | 2.85126000 |
| H | -5.29754100 | -3.41192900 | 3.37868000 |
| H | -3.93531100 | -3.70128000 | 2.27830000 |
| H | -3.78259000 | -2.52012000 | 3.59991000 |
| C | -5.75257000 | -0.78059900 | 2.77088000 |
| H | -5.10266000 | -0.36263900 | 3.54569000 |
| H | -6.10503000 | 0.03561100 | 2.13304000 |
| H | -6.61897000 | -1.23914900 | 3.25633000 |
| C | -5.90106000 | -2.37159900 | 0.82849000 |
| H | -6.23100000 | -1.55816900 | 0.17450000 |
| H | -5.38399100 | -3.12150900 | 0.22879000 |
| H | -6.79045000 | -2.83098900 | 1.27191000 |
| O | -3.88952000 | -1.04895000 | 1.37294000 |
| C | -2.96436000 | -1.60760000 | 0.56223000 |
| O | -2.93753000 | -2.77911000 | 0.20817000 |

| | | | |
|----------|-------------|-------------|-------------|
| N | -2.06159000 | -0.67006000 | 0.17590000 |
| C | -0.84159000 | -1.01241000 | -0.52833000 |
| H | -0.59262000 | -2.05747000 | -0.31893000 |
| H | -2.06504000 | 0.22702000 | 0.64415000 |
| C | 0.28322000 | -0.10804000 | 0.00436000 |
| O | 0.02263000 | 0.91508000 | 0.64571000 |
| N | 1.52897000 | -0.51495100 | -0.29992000 |
| C | 2.72204000 | 0.23265900 | 0.06620000 |
| H | 2.39387000 | 1.10776900 | 0.62799000 |
| C | 3.46581000 | 0.67748900 | -1.20446000 |
| O | 3.73954000 | -0.13502100 | -2.09623000 |
| N | 3.81569100 | 1.97125900 | -1.25002000 |
| C | 4.56988100 | 2.52295900 | -2.36459000 |
| H | 4.76649100 | 3.57655900 | -2.16062000 |
| H | 5.52355100 | 2.00053800 | -2.48965000 |
| H | 4.00964100 | 2.44089900 | -3.30186000 |
| H | 1.65416000 | -1.40171100 | -0.79824000 |
| H | 3.53016100 | 2.60305900 | -0.49638000 |
| C | -0.98496000 | -0.88100000 | -2.06227000 |
| H | -0.07772000 | -1.27534000 | -2.52931000 |
| H | -1.82714000 | -1.51061000 | -2.37544000 |
| O | -1.15355000 | 0.45338000 | -2.50116000 |
| H | -2.10542000 | 0.69442000 | -2.49745000 |
| C | 3.68248000 | -0.61243100 | 0.94399000 |
| H | 3.96053000 | -1.51199100 | 0.38569000 |
| H | 4.59767000 | -0.02724100 | 1.08732000 |
| C | 3.10114000 | -0.98635100 | 2.28877000 |
| C | 2.48793000 | -2.22924100 | 2.49120000 |
| C | 3.16056000 | -0.08958100 | 3.36480000 |
| C | 1.94252000 | -2.56650100 | 3.73220000 |
| H | 2.44083000 | -2.94109100 | 1.67234000 |
| C | 2.61812000 | -0.42178100 | 4.60678000 |
| H | 3.64084000 | 0.87597900 | 3.23029000 |
| C | 2.00495000 | -1.66306100 | 4.79445000 |
| H | 1.47364900 | -3.53619100 | 3.86863000 |
| H | 2.67888000 | 0.28547900 | 5.42824000 |
| H | 1.58508000 | -1.92488100 | 5.76052000 |
| O | 1.70500900 | -3.14944100 | -1.59479000 |
| S | 3.05778900 | -3.65285100 | -2.11353000 |
| C | 3.21025000 | -3.02629100 | -3.81088000 |
| C | 2.80526900 | -5.40910100 | -2.50325000 |
| H(Iso=2) | 4.10350900 | -3.46334100 | -4.26408000 |
| H(Iso=2) | 2.31095900 | -3.29238100 | -4.37104000 |
| H(Iso=2) | 3.31865000 | -1.94481100 | -3.71905000 |
| H(Iso=2) | 3.71166900 | -5.79367100 | -2.97715000 |
| H(Iso=2) | 2.63263900 | -5.92164100 | -1.55545000 |
| H(Iso=2) | 1.93970900 | -5.50945100 | -3.16199000 |
| O | -3.78068000 | 1.22501000 | -2.79395000 |
| S | -4.40196900 | 2.25406000 | -1.83890000 |
| C | -6.18455900 | 1.91033100 | -1.84907000 |
| C | -4.43759900 | 3.82340100 | -2.75351000 |
| H(Iso=2) | -6.31948000 | 0.93702100 | -1.37520000 |
| H(Iso=2) | -6.69175900 | 2.68430100 | -1.26821000 |
| H(Iso=2) | -6.53816900 | 1.89205100 | -2.88227000 |
| H(Iso=2) | -4.97407900 | 4.56315100 | -2.15431000 |
| H(Iso=2) | -3.39962900 | 4.13207000 | -2.88774000 |
| H(Iso=2) | -4.92407900 | 3.66430100 | -3.71841000 |
| O | 3.10889100 | 3.80177900 | 0.87589000 |
| S | 1.84286100 | 4.65657900 | 0.72029000 |
| C | 2.24337100 | 6.26292900 | 1.46673000 |
| C | 0.68111100 | 4.05813900 | 1.98008000 |
| H(Iso=2) | 2.99767200 | 6.72787900 | 0.82984000 |
| H(Iso=2) | 1.33802200 | 6.87436900 | 1.48340000 |
| H(Iso=2) | 2.63180100 | 6.10059900 | 2.47467000 |
| H(Iso=2) | -0.19836900 | 4.70686000 | 1.97504000 |
| H(Iso=2) | 0.40803100 | 3.04249900 | 1.68613000 |
| H(Iso=2) | 1.17546100 | 4.06962900 | 2.95423000 |

2(δ,β)-(DMSO)₃

| | | | |
|----------|-------------|-------------|-------------|
| C | -3.35971000 | -4.45400100 | -0.80257000 |
| C | -2.13076000 | -5.28896100 | -1.17079000 |
| H | -2.42125000 | -6.34185100 | -1.24721000 |
| H | -1.70459000 | -4.97527100 | -2.12440000 |
| H | -1.36488000 | -5.20452100 | -0.39312000 |
| C | -3.94768000 | -4.92573100 | 0.52899000 |
| H | -3.19660000 | -4.87691100 | 1.32303000 |
| H | -4.80145000 | -4.30487100 | 0.81708000 |
| H | -4.28826000 | -5.96117100 | 0.43729000 |
| C | -4.43064000 | -4.47252100 | -1.89614000 |
| H | -5.26778000 | -3.82245100 | -1.62182000 |
| H | -4.02847000 | -4.14739100 | -2.85627000 |
| H | -4.81512000 | -5.49183100 | -2.00552000 |
| O | -2.96221000 | -3.06364100 | -0.50042000 |
| C | -2.38859000 | -2.26556100 | -1.42664000 |
| O | -2.13491000 | -2.58711100 | -2.58095000 |
| N | -2.14372000 | -1.03955100 | -0.89270000 |
| C | -1.50067000 | 0.00727900 | -1.65944000 |
| H | -1.41552000 | -0.36195100 | -2.68371000 |
| H | -2.32427000 | -0.90841100 | 0.10085000 |
| C | -0.05472000 | 0.34041900 | -1.24020000 |
| O | 0.64985000 | 0.98813000 | -2.02145000 |
| N | 0.37604000 | -0.10015000 | -0.04146000 |
| C | 1.72134000 | 0.17489000 | 0.45304000 |
| H | 2.31069000 | 0.50765000 | -0.40174000 |
| C | 2.30214000 | -1.13103000 | 1.01683000 |
| O | 1.75245000 | -1.70816000 | 1.96352000 |
| N | 3.41300000 | -1.58424000 | 0.42010000 |
| C | 4.06825000 | -2.80966000 | 0.84925000 |
| H | 4.96048000 | -2.95589000 | 0.23872000 |
| H | 4.36310000 | -2.74883000 | 1.90151000 |
| H | 3.40824000 | -3.67510000 | 0.72848000 |
| H | -0.28372000 | -0.51958100 | 0.61204000 |
| H | 3.80487000 | -1.08006000 | -0.38064000 |
| C | -2.34397000 | 1.28613900 | -1.70976000 |
| H | -1.84792000 | 2.00180900 | -2.37839000 |
| H | -3.32351000 | 1.03104900 | -2.13647000 |
| O | -2.47958000 | 1.81391900 | -0.40135000 |
| H | -3.08817000 | 2.58581900 | -0.43292000 |
| C | 1.69702000 | 1.29158000 | 1.52741000 |
| H | 1.16959000 | 2.14397000 | 1.08686000 |
| H | 1.10397000 | 0.94016000 | 2.37676000 |
| C | 3.07165000 | 1.72107000 | 1.99180000 |
| C | 3.84041000 | 2.60449000 | 1.22058000 |
| C | 3.60935000 | 1.24871000 | 3.19597000 |
| C | 5.11188000 | 3.00070000 | 1.63688000 |
| H | 3.43644000 | 2.99113000 | 0.28875000 |
| C | 4.88158000 | 1.64235000 | 3.61743000 |
| H | 3.02545000 | 0.56988000 | 3.81065000 |
| C | 5.63807000 | 2.51910000 | 2.83816000 |
| H | 5.68880900 | 3.68874000 | 1.02662000 |
| H | 5.27808000 | 1.26693000 | 4.55583000 |
| H | 6.62556000 | 2.82880000 | 3.16541000 |
| O | 4.63750000 | -0.23417000 | -1.82483000 |
| S | 4.20120000 | -0.64923000 | -3.23694000 |
| C | 5.72998000 | -0.75186000 | -4.21197000 |
| C | 3.49896000 | 0.84113000 | -3.99868000 |
| H(Iso=2) | 6.29901000 | -1.59632000 | -3.81966000 |
| H(Iso=2) | 5.46531000 | -0.93096000 | -5.25683000 |
| H(Iso=2) | 6.28827000 | 0.18005000 | -4.09798000 |
| H(Iso=2) | 3.27557000 | 0.62079000 | -5.04558000 |
| H(Iso=2) | 2.58004000 | 1.05995000 | -3.45078000 |
| H(Iso=2) | 4.21885000 | 1.65820000 | -3.91095000 |
| O | -1.80691000 | -0.74576100 | 2.03647000 |
| S | -1.75555000 | -1.97963100 | 2.95009000 |
| C | -3.33641000 | -1.99047100 | 3.84458000 |
| C | -0.67459000 | -1.52480100 | 4.33438000 |

| | | | |
|----------|-------------|-------------|-------------|
| H(Iso=2) | -4.11481000 | -2.20713100 | 3.11140000 |
| H(Iso=2) | -3.30129000 | -2.78001100 | 4.59921000 |
| H(Iso=2) | -3.49437000 | -1.01114100 | 4.30190000 |
| H(Iso=2) | -0.69795000 | -2.33368100 | 5.06911000 |
| H(Iso=2) | 0.32433000 | -1.42096000 | 3.90808000 |
| H(Iso=2) | -1.02470000 | -0.58541100 | 4.76820000 |
| O | -4.24695100 | 3.91510900 | -0.46001000 |
| S | -3.67935100 | 5.33853900 | -0.57086000 |
| C | -4.40469100 | 6.26430900 | 0.81237000 |
| C | -4.59793100 | 6.12827900 | -1.92335000 |
| H(Iso=2) | -3.97621100 | 5.85013900 | 1.72638000 |
| H(Iso=2) | -4.12693100 | 7.31608900 | 0.71060000 |
| H(Iso=2) | -5.48921100 | 6.13603900 | 0.79766000 |
| H(Iso=2) | -4.31356100 | 7.18230900 | -1.96717000 |
| H(Iso=2) | -4.30070100 | 5.62134900 | -2.84275000 |
| H(Iso=2) | -5.66894100 | 6.01197900 | -1.74337000 |

2(β,β)-(DMSO)₄

| | | | |
|---|-------------|-------------|-------------|
| C | 1.37314900 | 4.88969000 | -1.83507000 |
| C | -0.07452100 | 5.38137000 | -1.75449000 |
| H | -0.14033100 | 6.38229000 | -2.19360000 |
| H | -0.75211100 | 4.71833000 | -2.29337000 |
| H | -0.39721100 | 5.44740000 | -0.71037000 |
| C | 2.30317900 | 5.84427000 | -1.08249000 |
| H | 1.98942900 | 5.94839000 | -0.03933000 |
| H | 3.33373900 | 5.47673000 | -1.10195000 |
| H | 2.27931900 | 6.83240000 | -1.55129000 |
| C | 1.84977900 | 4.70785000 | -3.27869000 |
| H | 2.86894900 | 4.30816000 | -3.29653000 |
| H | 1.19520900 | 4.03455000 | -3.83329000 |
| H | 1.85854900 | 5.68056000 | -3.78143000 |
| O | 1.53042900 | 3.63170000 | -1.08262000 |
| C | 0.86414000 | 2.50240000 | -1.42279000 |
| O | 0.07800000 | 2.39928000 | -2.35810000 |
| N | 1.19999000 | 1.49520000 | -0.58450000 |
| C | 0.62062000 | 0.17636000 | -0.70603000 |
| H | 0.40138000 | -0.00947000 | -1.76015000 |
| H | 1.83202000 | 1.69012000 | 0.19420000 |
| C | -0.68368000 | 0.03983000 | 0.11094000 |
| O | -0.82468000 | 0.61904000 | 1.19051000 |
| N | -1.60562000 | -0.78183000 | -0.43235000 |
| C | -2.83910000 | -1.14993100 | 0.24523000 |
| H | -2.93546000 | -0.49603100 | 1.11293000 |
| C | -2.76783000 | -2.61584100 | 0.70959000 |
| O | -2.46036900 | -3.51842100 | -0.07887000 |
| N | -3.09090000 | -2.83471100 | 1.99292000 |
| C | -3.12043900 | -4.17374100 | 2.55983000 |
| H | -3.43493900 | -4.10037100 | 3.60197000 |
| H | -3.82546900 | -4.81390100 | 2.02006000 |
| H | -2.13206900 | -4.64332000 | 2.51930000 |
| H | -1.39908000 | -1.22873000 | -1.33038000 |
| H | -3.30674000 | -2.04418100 | 2.60706000 |
| C | 1.61093000 | -0.89270000 | -0.22114000 |
| H | 1.91609000 | -0.66173000 | 0.80790000 |
| H | 1.09637000 | -1.86330000 | -0.21506000 |
| O | 2.73307000 | -0.92029000 | -1.08610000 |
| H | 3.46677000 | -1.39014000 | -0.63117000 |
| C | -4.07362000 | -0.97416100 | -0.67444000 |
| H | -3.92865000 | -1.58125100 | -1.57369000 |
| H | -4.93827000 | -1.39035100 | -0.14481000 |
| C | -4.35573000 | 0.46330900 | -1.05109000 |
| C | -4.01091000 | 0.96266900 | -2.31277000 |
| C | -4.98005000 | 1.32758900 | -0.14025000 |
| C | -4.27839000 | 2.29000900 | -2.65701000 |
| H | -3.53291000 | 0.30691900 | -3.03455000 |
| C | -5.24811000 | 2.65432900 | -0.47818000 |
| H | -5.26471000 | 0.95628900 | 0.84067000 |
| C | -4.89718000 | 3.14086900 | -1.74019000 |

| | | | |
|----------|-------------|-------------|-------------|
| H | -4.00474000 | 2.65621900 | -3.64171000 |
| H | -5.73568100 | 3.30589900 | 0.24046000 |
| H | -5.10858100 | 4.17160900 | -2.00669000 |
| O | 4.82295000 | -2.14129900 | 0.22952000 |
| S | 5.09681100 | -3.62080900 | -0.08382000 |
| C | 5.16818100 | -4.45856900 | 1.52526000 |
| C | 6.86000100 | -3.71431900 | -0.50634000 |
| H(Iso=2) | 4.15972100 | -4.42755900 | 1.94079000 |
| H(Iso=2) | 5.47537100 | -5.49442900 | 1.36294000 |
| H(Iso=2) | 5.87237100 | -3.93123900 | 2.17243000 |
| H(Iso=2) | 7.13242100 | -4.76524900 | -0.62903000 |
| H(Iso=2) | 6.98476100 | -3.18231900 | -1.45079000 |
| H(Iso=2) | 7.44378100 | -3.24224900 | 0.28684000 |
| O | -3.78093000 | -0.67936100 | 3.79952000 |
| S | -2.67763000 | -0.15539100 | 4.73023000 |
| C | -3.50944000 | 0.26112900 | 6.29000000 |
| C | -2.30577000 | 1.52919900 | 4.16603000 |
| H(Iso=2) | -3.85002000 | -0.67878100 | 6.72752000 |
| H(Iso=2) | -2.78537000 | 0.74224900 | 6.95201000 |
| H(Iso=2) | -4.35427000 | 0.92067900 | 6.07932000 |
| H(Iso=2) | -1.59942000 | 1.97998000 | 4.86776000 |
| H(Iso=2) | -1.85005000 | 1.42550000 | 3.17916000 |
| H(Iso=2) | -3.23483000 | 2.10185900 | 4.11698000 |
| O | -0.87484000 | -1.91373000 | -3.05595000 |
| S | -1.70499000 | -3.05061000 | -3.66361000 |
| C | -1.01678900 | -4.59234000 | -2.99531000 |
| C | -1.11962900 | -3.22051000 | -5.37474000 |
| H(Iso=2) | -1.25167900 | -4.58452000 | -1.92986000 |
| H(Iso=2) | -1.50795900 | -5.43416000 | -3.48986000 |
| H(Iso=2) | 0.06196100 | -4.60628000 | -3.16702000 |
| H(Iso=2) | -1.60156900 | -4.09328000 | -5.82193000 |
| H(Iso=2) | -1.42039000 | -2.31453000 | -5.90351000 |
| H(Iso=2) | -0.03232900 | -3.32527000 | -5.37148000 |
| O | 3.00849000 | 1.84161000 | 1.73856000 |
| S | 4.48480000 | 2.14482100 | 1.46371000 |
| C | 5.42737000 | 0.78587100 | 2.21505000 |
| C | 4.95010900 | 3.45533100 | 2.63406000 |
| H(Iso=2) | 5.21164000 | -0.11222900 | 1.63215000 |
| H(Iso=2) | 6.49126000 | 1.02869100 | 2.15251000 |
| H(Iso=2) | 5.11011000 | 0.66607100 | 3.25374000 |
| H(Iso=2) | 6.02582900 | 3.62907100 | 2.55342000 |
| H(Iso=2) | 4.40253900 | 4.35153100 | 2.33808000 |
| H(Iso=2) | 4.67254000 | 3.14658100 | 3.64448000 |