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# Supramolecular synthon hierarchy in cyclopropyl-containing peptide-derived compounds

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Table S21: ADMET profiles for 1-5



Scheme S1 Schematic representation moiety under quantum-chemical calculations.



Fig. S1 The molecular structures of 1-5 showing the atom labellling schemes for non-hydrogen atoms. The displacement of ellipsoids is drawn at a probability level of 30 %.



Fig. S2 Overlay (by N-C3-C4) of the studied molecules: 1 (green), 2 (dark blue), 3 (yellow), 4 (light blue), 5 (magenta)



Fig. S3 Particular cyclopropyl-based supramolecular H-bonding patterns identified in 1-5 and those derived from the CSD (new motifs, realized for the first time, in yellow frames).



Fig. S4 Cyclopropyl-based H-bonding patterns in  ${\bf 1}$ 



Fig. S5 Cyclopropyl-based H-bonding patterns in 2



Fig. S6 Cyclopropyl-based H-bonding patterns in 3



Fig. S7 Cyclopropyl-based H-bonding patterns in 4



Fig. S8 Cyclopropyl-based H-bonding patterns in 5



**Fig. S9** Hirshfeld surfaces with different properties for **1-5**: the *d*<sub>norm</sub> (-0.25 a.u. to 0.01 a.u.), *d*<sub>i</sub> and *d*<sub>e</sub> properties, *shape index, curvedness* and *fragment patch*.



Fig. S10 Fingerprint plots delineated into the corresponding interactions in 1-5



Fig. S11 The distribution of colour-coded total interaction energies between different molecules in 1-5  $\,$ 



**Fig. S12** Energy frameworks (calculated within a cluster of 3.8 Å radius related to a central molecule) of **1-5** corresponding to the electrostatic and dispersion energy components and the total energy framework along the *a*, *b* and *c*-axis. The strength of the energies for molecular pairs is visualized by tubes (size of 100).



Fig. S13 On the left: Molecular graph of the 4 dimer (C – black, H – grey, O –red, N – blue, bond critical points – small red, ring critical points – green). On the right: Molecular graph of the 1 dimer (C – black, H – grey, O –red, N – blue, bond critical points – small red, ring critical points – green).



Fig. S14 M06/6-311++G(d,p) optimized structure of cyclopropane C<sub>3</sub>H<sub>6</sub> (C - black, H - white)





Fig. S16 M06/6-311++G(d,p) optimized structure of compound 2 (C – black, H – white, O – red, N- blue)



**Fig. S17** M06/6-311++G(d,p) optimized structure of compound **1** (C – black, H – white, O – red, N- blue)



Fig. S18 Molecular graph of cyclopropane C3H6 (C - black, H - grey, bond critical points - red, ring critical point - yellow)



Fig. S19 Molecular graph of compound 4 (C - black, H - grey, O - red, N - blue, bond critical points - small red, ring critical point - yellow)



Fig. S20 Molecular graph of compound 2 (C – black, H – grey, O – red, N – blue, bond critical points – small red, ring critical point - yellow)



Fig. S21 Molecular graph of compound 1 (C - black, H - grey, O - red, N - blue, bond critical points - small red, ring critical point - yellow).



Fig. S22 Bioavailability radars of 1-5.



Fig. S23 BOILED-egg diagrams for 1-5



Non-cardiotoxic (-) 80% No (Value= 0.24 and limit = 0.26 )



Non-cardiotoxic (-) 90% No (Value= 0.22 and limit = 0.26 )



4

Non-cardiotoxic (-) 90% No (Value= 0.23 and limit = 0.26 )

5

Non-cardiotoxic (-) 60% No (Value= 0.22 and limit = 0.26 )

Fig. S24 Maps of cardiac toxicity for 1-5











# Mean pKa result

pKa Std Dev Ionic strength Temperature 3.60 0.053 0.171 M 25.3°C



11

11

pKa

- poka-

pH (Cond

Lipophilicity Profile

7

pH (Concentration scale)

11

Max exp range

pH (Concentration scale)

Log R

Ó

Log R Profile Min exp range

-2



Fast UV pKa Titration 2 of 3 22F-06008 Points 58 to 112 Quality: Good







Fig. S25 Experimental  $pK_{\text{a}}$  and log  $D_{\text{oct/w}}$  measurements for 5



Fig. S26 Target predictions for 1-5

Table S1 Cyclopropyl-containing peptide-derived drugs, approved by the Food and Drug Administration (FDA) in the last decade

Drug name	activity	Drug name	activity
lenvatinib	thyroid cancer	tasimelteon	a regulator of sleep
cabozantinib	thyroid cancer	tezacaftor,	cystic fibrosis
		lumacaftor	
trametinib	melanoma	naldemedine	opioid-induced constipation
olaparib	ovarian cancer	tecovirimat	smallpox
lemborexant	insomnia	combined	hospital-acquired pneumonia
		imipenem-	
		cilastatin/relebactam	
simeprevir	viral hepatitis		
paritaprevir			
grazoprevir			
glecaprevir,			
voxilaprevir, ledipasvir			

Table S2 CSD (including structural formulas and names) and PDB ref. codes



1-[2-(benzylcyclopropanecarbonylamino)-2-cyclopropylacetamino]cyclopropanecarboxylic acidethyl ester









dimethyl sulfoxide solvate monohydrate







 PDB
 7229, 7224, 7F9R, 7F99, 5SRV, 8CZX, 8CZV, 8CZV, 7Z54, 7TQ3, 7TQ4, 7x5u, 7ULM, 7V68,7Z8W, 7Z4U, 7R5W, 7BNU, 7BNS, 7TQ5,

 ref.codes
 7T21, 7T36, 7LB3, 5SPJ, 5SPG, 8DGY, 7F9C, 7EVV, 7RVX, 7RVW, 7RVT, 7RVS, 7RVO, 7TTI, 7UAS, 7WYP, 7QK0, 7Q7V, 7Q7R, 7FIC,

 7AZ0, 7AYZ, 7AYY, TTIA, 7R53, 7VUE, 7MMH, 7MM6, 7EVU, 7OY6, 7OY5, 7N3L, 7EVJ, 7SVR, 7SVD, 7SUJ, 7SUI, 7SUF, 7SLX

#### Table S3 Crystal data of structures derived from the CSD

CSD ref. code	formula	Sp. gr.	Ζ	Unit cell param	neters	R1	T (K)
						factor	
ADELOM	C26H29ClN2O2	P21/c	4	a=11.781(0)	<b>α=90.00</b>	4.00	120
				b=19.591(0)	β=95.03(1)		
				c=10.037(0)	γ=90.00		

ADELUS	C26H35N3O4	P-1	2	a=8.080(0)	$\alpha = 94.70(0)$	3.98	200
				b=9.947(1)	β=91.89(0)		
				c=15.668(2)	γ=92.20(0)		
ADEMAZ	C22H28N2O4	P-1	2	a=9.736(0)	<i>α</i> =70.08(0)	4.07	120
				b=9.831(0)	$\beta = 71.43(0)$		
	C II NO	D 1	4	c=12.265(0)	γ=82.39(0)	4.10	100
ADEMED	C22H28N2O5	<i>P</i> -1	4	a=11.324(0)	$\alpha = 90.01(0)$	4.10	120
				D=13.817(0)	$\beta = 93.74(0)$		
	Cr-Ha-NOa	D2.	2	C=14.237(0)	$\gamma = 111.50(0)$	2.02	*00m
AFOFOD	C17H25INO2	P21	2	a=0.000(1) b=10.022(1)	a = 90.00	5.92	room
				c=15,105(1)	p=90.90		
BUTCIE	C17H19N5O6S	$P2_1/n$	4	a=12.702(0)	$\alpha = 90.00$	3.87	173
Dereil	Ch110105060	1 21/11	1	h=9.622(0)	$\beta = 93.62(0)$	0.07	170
				c=15.621(0)	v=90.00		
CARYAY	C20H22BrNO2	P212121	4	a=9.933(0)	<i>α</i> =90.00	4.56	293
				b=9.966(0)	β=90.00		
				c=19.578(1)	$\chi = 90.00$		
CATWEA	C17H32N2O5	<i>P</i> 21/c	8	a=34.625(1)	α=90.00	4.69	110
				b=11.034(1)	β=98.66		
				c=10.550(1)	γ=90.00		
CEGVUH	C11H11NO3	<i>P</i> 21/n	4	a=13.243(1)	α=90.00	4.11	293
				b=4.770(0)	β=111.23(0)		
				c=16.798(1)	γ=90.00		
CERQUM	C10H11N3OS	P21/c	4	a=8.457(3)	α=90.00	3.76	293
				b=12.178(4)	β=96.96(0)		
				c=10.998(4)	γ=90.00		
ECULOG	C35H43N3O7S, H2O	$P2_1$	2	a=11.411(0)	$\alpha = 90.00$	4.22	173
				b=8.930(0)	$\beta = 107.36(0)$		
	C. H. N.O.	DD /-	4	C=17.321(0)	γ=90.00 	2.01	202
EDIWIZ	C33H36IN2O3	P21/C	4	a=9.514(2) b=14.447(1)	a = 90.00	5.61	293
				c=20.694(4)	p=99.98(2) y=90.00		
FIIDIO	$C_{24}H_{26}N_2O_3$	Phen	8	a=28.952(0)	$\alpha = 90.00$	3 51	120
11,010	0241120142000	rbeit	0	b=13.022(0)	β=90.00	0.01	120
				c=10.602(0)	v=90.00		
				C 10.002(0)	y = -0.00		
GENYUU	C9N10N2O	Pbca	16	a=9.475(4)	$\alpha = 90.00$	4.46	294
GENYUU	C9N10N2O	Pbca	16	a=9.475(4) b=9.844(4)	α=90.00 β=90.00	4.46	294
GENYUU	C9N10N2O	Pbca	16	a=9.475(4) b=9.844(4) c=36.821(15)	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$	4.46	294
GENYUU HILXIM	C9N10N2O C19H22N4O5	Pbca P-1	16 2	a=9.475(4) b=9.844(4) c=36.821(15) a=8.697(0)	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$	4.46 3.64	294 293
GENYUU HILXIM	C9N10N2O C19H22N4O5	Pbca P-1	16 2	a=9.475(4) b=9.844(4) c=36.821(15) a=8.697(0) b=9.899(0)	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \end{array}$	4.46 3.64	294 293
GENYUU HILXIM	C9N10N2O C19H22N4O5	Pbca P-1	16 2	a=9.475(4) b=9.844(4) c=36.821(15) a=8.697(0) b=9.899(0) c=12.559(0)	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \end{array}$	4.46 3.64	294 293
GENYUU HILXIM HORZEU	C9N10N2O C19H22N4O5 C5H9NOS	Pbca P-1 P21	16 2 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \end{array}$	4.46 3.64 3.39	294 293 200
GENYUU HILXIM HORZEU	C9N10N2O C19H22N4O5 C5H9NOS	Pbca P-1 P21	16 2 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \end{array}$	4.46 3.64 3.39	294 293 200
GENYUU HILXIM HORZEU	C9N10N2O C19H22N4O5 C5H9NOS	Pbca P-1 P21	16 2 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=19.494(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \gamma = 90.00 \end{array}$	4.46 3.64 3.39	294 293 200
GENYUU HILXIM HORZEU IHUFEY	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S	Pbca P-1 P21 Pna21	16 2 2 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \end{array}$	<ul><li>4.46</li><li>3.64</li><li>3.39</li><li>2.59</li></ul>	294 293 200 296
GENYUU HILXIM HORZEU IHUFEY	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S	Pbca P-1 P21 Pna21	16 2 2 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \end{array}$	<ul><li>4.46</li><li>3.64</li><li>3.39</li><li>2.59</li></ul>	294 293 200 296
GENYUU HILXIM HORZEU IHUFEY IAWLAU	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S	Pbca P-1 P21 Pna21 P21/c	16 2 2 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 90.00 \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> </ul>	294 293 200 296 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO	Pbca P-1 P21 Pna21 P21/c	16 2 2 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 101.53(2)$	<ul><li>4.46</li><li>3.64</li><li>3.39</li><li>2.59</li><li>3.80</li></ul>	294 293 200 296 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO	Pbca P-1 P21 Pna21 P21/c	16 2 2 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \end{array}$	<ul><li>4.46</li><li>3.64</li><li>3.39</li><li>2.59</li><li>3.80</li></ul>	294 293 200 296 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O	Pbca P-1 P21 Pna21 P21/c P21/c	16 2 2 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \alpha = 90.00 \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> </ul>	294 293 200 296 295 120
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O	Pbca P-1 P21 Pna21 P21/c P21/c	16 2 2 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 94.06(0) \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> </ul>	294 293 200 296 295 120
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O	Pbca P-1 P21 Pna21 P21/c P21/c	16 2 2 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$	$\begin{array}{l} \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 94.06(0) \\ \gamma = 90.00 \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> </ul>	294 293 200 296 295 120
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a	16 2 2 4 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$	$\begin{array}{l} \alpha = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 94.06(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \alpha = 90.00 \\ \alpha = 90.00 \\ \alpha = 90.00 \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> </ul>	<ul> <li>294</li> <li>293</li> <li>200</li> <li>296</li> <li>295</li> <li>120</li> <li>295</li> </ul>
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a	16 2 2 4 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$	$\begin{array}{l} \alpha = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.89(1) \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> </ul>	294 293 200 296 295 120 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a	16 2 2 4 4 4 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$	$\begin{array}{l} \alpha = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.89(1) \\ \gamma = 90.00 \\ \gamma = 90.00 \\ \beta = 101.89(1) \\ \gamma = 90.00 \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> </ul>	294 293 200 296 295 120 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX	C9N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P21/a	16 2 2 4 4 4 4 4 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$	<ol> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> </ol>	294 293 200 296 295 120 295 130
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX	C3N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8B1N3O C20H27N3O3 C20H27N3O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1	16 2 2 4 4 4 4 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 94.06(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 94.06(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> </ul>	294 293 200 296 295 120 295 130
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX	C3N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3 C20H27N3O3 C21H24N5O3S <sup>+</sup> , C2H6OS, H2O, Cl-	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1	16 2 2 4 4 4 4 2	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$	$\alpha$ =90.00 $\beta$ =90.00 $\gamma$ =90.00 $\alpha$ =105.06(0) $\beta$ =98.53(0) $\gamma$ =111.72(0) $\alpha$ =90.00 $\beta$ =94.71(0) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =101.53(2) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =101.89(1) $\gamma$ =90.00 $\alpha$ =97.64(0) $\beta$ =101.98(0) $\gamma$ =104.22(0) $\alpha$ =90.00	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> </ul>	294 293 200 296 295 120 295 130
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW	C3N10N2O         C19H22N4O5         C3H9NOS         C3H9NOS         C14H14N4O3S         C10H9Cl2NO         C3H8BrN3O         C20H27N3O3         C21H24N5O3S <sup>+</sup> , C2H6OS, H2O, CH-         C22H20N2O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c	16 2 2 4 4 4 4 2 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.97(4)$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> </ul>	<ul> <li>294</li> <li>293</li> <li>200</li> <li>296</li> <li>295</li> <li>130</li> <li>295</li> </ul>
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW	C3N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8BrN3O C20H27N3O3 C20H27N3O3 C21H24N5O3S <sup>+</sup> , C21H24N5O3S <sup>+</sup> , C21H24N5O3S <sup>+</sup> ,	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c	<ol> <li>16</li> <li>2</li> <li>4</li> <li>4</li> <li>4</li> <li>4</li> <li>2</li> <li>4</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$	$\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> </ul>	294 293 200 296 295 120 295 130 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW	C3N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C14H14N4O3S C10H3Cl2NO C8H8BrN3O C20H27N3O3 C20H27N3O3 C21H24N5O3S <sup>+</sup> , C2H6OS, H2O, Cl- C22H20N2O3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c P21/c P21/c	16 2 2 4 4 4 4 2 4 4 2 4	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$ $\alpha = 90.00$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> </ul>	294 293 200 296 295 120 295 130 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB	C3N10N2O         C19H22N4O5         C3H9NOS         C3H9NOS         C14H14N4O3S         C10H3Cl2NO         C3H8BrN3O         C20H27N3O3         C21H24N5O3S <sup>+</sup> , C2H6OS, H2O, Cl-         C22H20N2O3         C21H21FN2O4S	<ul> <li>Pbca</li> <li>P-1</li> <li>P21</li> <li>Pna21</li> <li>P21/c</li> <li>P21/a</li> <li>P-1</li> <li>P21/c</li> <li>P43</li> </ul>	<ol> <li>16</li> <li>2</li> <li>4</li> <li>4</li> <li>4</li> <li>2</li> <li>4</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $b=11.151(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\beta = 90.00$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> </ul>	294 293 200 296 295 120 295 130 295
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB	C3N10N2O C19H22N4O5 C5H9NOS C14H14N4O3S C10H3Cl2NO C8H8BrN3O C20H27N3O3 C20H27N3O3 C21H24N5O3S <sup>+</sup> , C2H2ON2O3 C21H21FN2O4S	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c P43	<ol> <li>16</li> <li>2</li> <li>4</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $b=11.151(0)$ $c=16.058(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\beta = 90.00$ $\gamma = 9$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> </ul>	294 293 200 296 295 120 295 130 295 100
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB	C3N10N2O C19H22N4O5 C5H9NOS C5H9NOS C14H14N4O3S C10H9Cl2NO C8H8B1N3O C20H27N3O3 C20H27N3O3 C21H24N5O3S <sup>+</sup> , C2H6OS, H2O, Cl- C22H20N2O3 C21H21FN2O4S	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c P43 P21/n	<ol> <li>16</li> <li>2</li> <li>2</li> <li>4</li> <li>12</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $b=11.151(0)$ $c=16.058(0)$ $a=5.571(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\gamma = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 97.64(0)$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> <li>4.80</li> </ul>	294 293 200 296 295 120 295 130 295 100
GENYUU HILXIM HORZEU IHUFEY JAWLAU JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB	C3N10N2O         C19H22N4O5         C3H9NOS         C3H9NOS         C14H14N4O3S         C10H9Cl2NO         C3H8BrN3O         C20H27N3O3         C21H24N5O3S*, C21H20N2O3         C22H20N2O3         C21H21FN2O4S         C11H14Cl2F2N2O3	<ul> <li>Pbca</li> <li>P-1</li> <li>P21</li> <li>Pna21</li> <li>P21/c</li> <li>P21/a</li> <li>P21/a</li> <li>P21/a</li> <li>P43</li> <li>P21/n</li> </ul>	<ol> <li>16</li> <li>2</li> <li>4</li> <li>4</li> <li>4</li> <li>2</li> <li>4</li> <li>4</li> <li>12</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $b=11.151(0)$ $c=16.058(0)$ $a=5.571(0)$ $b=28.983(0)$	$\alpha$ =90.00 $\beta$ =90.00 $\gamma$ =90.00 $\alpha$ =105.06(0) $\beta$ =98.53(0) $\gamma$ =111.72(0) $\alpha$ =90.00 $\beta$ =94.71(0) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =101.53(2) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =101.89(1) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =101.89(1) $\gamma$ =90.00 $\alpha$ =97.64(0) $\beta$ =101.98(0) $\gamma$ =104.22(0) $\alpha$ =90.00 $\beta$ =101.07(4) $\gamma$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =90.00 $\alpha$ =90.00 $\beta$ =92.77(0)	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> <li>4.80</li> </ul>	294 293 200 296 295 120 295 130 295 100
GENYUU HILXIM HORZEU IHUFEY JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB PEDWOM	C3N10N2O C19H22N4O5 C3H9NOS C3H9NOS C14H14N4O3S C10H9CL2NO C3H39TN3O C20H27N3O3 C20H27N3	Pbca P-1 P21 Pna21 P21/c P21/c P21/a P-1 P21/c P43 P21/n	<ol> <li>16</li> <li>2</li> <li>4</li> <li>4</li> <li>4</li> <li>2</li> <li>4</li> <li>4</li> <li>12</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $b=11.151(0)$ $c=16.058(0)$ $a=5.571(0)$ $b=28.983(0)$ $c=31.253(0)$	$\begin{array}{l} \gamma = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 105.06(0) \\ \beta = 98.53(0) \\ \gamma = 111.72(0) \\ \alpha = 90.00 \\ \beta = 94.71(0) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.53(2) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.89(1) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.89(1) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.89(1) \\ \gamma = 90.00 \\ \alpha = 90.00 \\ \beta = 101.98(0) \\ \gamma = 104.22(0) \\ \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \alpha = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \beta = 90.00 \\ \beta = 92.77(0) \\ \gamma = 90.00 \\ \end{array}$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> <li>4.80</li> </ul>	294 293 200 296 295 120 295 130 295 100
GENYUU HILXIM HORZEU IHUFEY JAWLAU JAWLAU KEZNEJ KUDZIS LIKFIX MENHIW MOYSEB PEDWOM	C3N10N2O         C19H22N4O5         C3H9NOS         C3H9NOS         C14H14N4O3S         C10H9Cl2NO         C3H8BrN3O         C3H22N3O3         C20H22N3O3         C21H24N5O3S <sup>+</sup> , C21H20N2O3         C21H21FN2O4S         C17H14Cl2F2N2O3         C15H14N2O3	Pbca         P-1         P21         Pna21         P21/c         P21/a         P-1         P21/c         P43         P21/n         P21/n         P21/n	<ol> <li>16</li> <li>2</li> <li>4</li> <li>4</li> <li>4</li> <li>2</li> <li>4</li> <li>4</li> <li>12</li> <li>4</li> </ol>	a=9.475(4) $b=9.844(4)$ $c=36.821(15)$ $a=8.697(0)$ $b=9.899(0)$ $c=12.559(0)$ $a=6.237(0)$ $b=4.863(0)$ $c=11.096(1)$ $a=18.184(0)$ $b=11.767(0)$ $c=6.736(0)$ $a=5.025(1)$ $b=22.051(5)$ $c=9.615(2)$ $a=13.623(0)$ $b=4.889(0)$ $c=13.128(0)$ $a=19.432(4)$ $b=7.481(2)$ $c=13.370(2)$ $a=9.573(0)$ $b=11.240(0)$ $c=13.126(0)$ $a=9.372(8)$ $b=11.198(7)$ $c=17.679(7)$ $a=11.151(0)$ $c=16.058(0)$ $a=5.571(0)$ $b=28.983(0)$ $c=31.223(0)$ $a=4.937(0)$	$\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\alpha = 105.06(0)$ $\beta = 98.53(0)$ $\gamma = 111.72(0)$ $\alpha = 90.00$ $\beta = 94.71(0)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 101.53(2)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.89(1)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 101.98(0)$ $\gamma = 104.22(0)$ $\alpha = 90.00$ $\beta = 101.07(4)$ $\gamma = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$ $\beta = 90.00$ $\alpha = 90.00$	<ul> <li>4.46</li> <li>3.64</li> <li>3.39</li> <li>2.59</li> <li>3.80</li> <li>2.24</li> <li>3.72</li> <li>3.26</li> <li>3.80</li> <li>2.56</li> <li>4.80</li> <li>2.87</li> </ul>	294 293 200 296 295 120 295 130 295 100 100

				c=17.102(0)	γ=90.00		
VEHDIY	C14H19NO2	P21	2	a=10.546(0)	<b>α=90.00</b>	2.67	100
				b=5.132(0)	β=105.35(0)		
				c=12.372(0)	γ=90.00		
VETKEL	C7H8N2OS	P21/c	4	a=5.707(3)	<i>α</i> =90.00	3.10	294
				b=9.170(4)	β=96.78(0)		
				c=15.453(7)	γ=90.00		
WICMIH	C16H18FNO3S	<i>P</i> 21/n	4	a=5.271(0)	<i>α</i> =90.00	4.37	293
				b=14.255(1)	β=91.65(0)		
				c=21.578(1)	γ=90.00		
WOVXAG	C17H23NO2	P21	2	a=6.655(0)	<i>α</i> =90.00	3.60	295
				b=5.077(0)	β=95.26(0)		
				c=22.615(2)	γ <b>=</b> 90.00		
XICRAC	C21H32N2O5	P21	2	a=12.370(8)	<i>α</i> =92.44	9.87	198
				b=5.470(4)	β=90.00		
				c=15.800(20)	γ <b>=</b> 90.00		
ZAMJEF	C22H31F3N2O4	<i>P</i> -1	2	a=10.211(0)	$\alpha = 72.89(0)$	3.94	150
				b=10.903(0)	β=82.14(0)		
				c=11.751(0)	<b>γ=67.90(0)</b>		
ZAMJOP	$C_{12}H_{12}F_3NO_2$	Pbcn	8	a=12.872(0)	<b>α=90.00</b>	3.55	150
				b=9.766(0)	β=90.00		
				c=18.392(0)	γ <b>=</b> 90.00		
ZEGGEZ	C18H19NO	P21/c	4	a=9.775(0)	<b>α=90.00</b>	4.76	100
				b=17.601(1)	β=113.84(0)		
				c=9.562(0)	γ <b>=</b> 90.00		
ZUQBIY	C20H19BrN2O	$P2_{1}2_{1}2_{1}$	4	a=8.843(0)	<i>α</i> =90.00	3.22	200
				b=10.226(0)	β=90.00		
				c=19.740(1)	γ=90.00		

**Table S4** Geometrical parameters (in Å and angles in °) for the  $\pi$ -stacking moieties involved in the  $\pi$ -- $\pi$  interactions for crystal 5

Rings Cg(I)-	symmetry	CgCg <sup>b</sup>	Cg(I)-perp c	Cg(J)-perp <sup>d</sup>	αe	β <sup>f</sup>	γ <sup>g</sup>
Cg(J) <sup>a</sup>							
Cg(2)Cg(3)	x, 1+y, z	3.9579(1)	3.5133	3.5363	1	26.7	27.4
Cg(2)···Cg(4)	x, -1+y, z	4.7029(1)	3.4782	3.4978	2	41.9	42.3
Cg(3)…Cg(4)	x, -1+y, z	4.4811(1)	3.5413	3.4529	2	39.6	37.8
Cg(9)…Cg(11)	x, 1+y, z	4.1947(1)	3.5017	3.5578	2	32.0	33.4
<sup>a</sup> CgCg distance i	s below 5 Å; Cg(2	): centroid of the rin	g C11-C12-C17-C18	8-C23; Cg(3): C12-C	C13-C14-C15-C16-C	C17; Cg(4): C18-C19	-C20-C21-C22-

C23; Cg(9): C11A-C12A-C17A-C18A-C23A; Cg(11): C18A-C19A-C20A-C21A-C22A-C23A

<sup>b</sup> distance between ring centroids [Å], <sup>c</sup> perpendicular distance of Cg(I) on ring J [Å], <sup>d</sup> perpendicular distance of Cg(J) on ring I [Å], <sup>e</sup> dihedral angle between planes I and J [°], <sup>f</sup> angle between the centroid vector Cg(I)···Cg(J) and normal to plane I [°], <sup>g</sup> angle between the centroid vector Cg(I)···Cg(J) and normal to plane J [°].

#### Table S5 C-H $\cdot\cdot\pi$ intermolecular interactions in structure 5

X…H-Cg(J) ª	symmetry	H…Cg	X…Cg <sup>b</sup>	X-H…Cg °	$\gamma^{d}$	H-perp <sup>e</sup>	X-H, $\pi^{f}$
C10A-H10BCg(9)	x, y, z	2.53	2.4488(1)	74	33.48	-2.11	49
C10-H10C <sup></sup> Cg(2)	x, y, z	2.63	2.5130(1)	72	38.24	-2.07	55
C11-H11Cg(3)	x, 1+y, z	2.80	3.6190(1)	140	12.65	-2.73	55
C11A-H11ACg(11)	x, 1+y, z	2.83	3.7069(1)	147	7.48	2.81	49

<sup>a</sup> Cg(J) – center of gravity of ring J; H…Cg below 3.0 Å, <sup>b</sup> X…Cg – distance [Å], <sup>c</sup> X-H…Cg – angle [°], <sup>d</sup>  $\gamma$  – angle between Cg-H vector and ring J normal, <sup>e</sup> H-perp – perpendicular distance of H to ring plane J, <sup>f</sup> X-H,  $\pi$  – angle of the X-H bond with the  $\pi$ -plane (perpendicular = 90 °, parallel = 0 °).

Table S6 H-bonding motifs (up to 20-membered patterns) in 1-5 and structures derived from the CSD (cyclopropyl-based interactions in blue)

Motif	Interactions
1	
C(4)	$\Delta H = 0.00$
C(4)	(H)(C2-H2AO1(C=0))
C(6)	(HS)C10-H10AO2(r=0)
C(7)	$(CH2)(C1-H2B(C4_{(C=0)})$
C(8)	(CH3)C2 TH2 O = (CO)
C(8)	(CH-cyclopropyl)C5-H5(C10/(CH3)
C(8)	(CH2)(CH2-H12AC6((CH-cyclopropyl)))
level2	
$R^{1}(6)$	(NH)N-H···O1(C=0) & (CH3)C2-H2A···O1(C=0)
$R^{2}(9)$	(NH)N-H···O1(C=0) & (CH3)C2-H2B···O4(C=0)
$R^{2}(11)$	(CH3)C2-H2A···O1(C=0) & (CH3)C2-H2B···O1(C=0)
$R^{2}(16)$	(CH3)C10-H10C···O4(C=0) & (CH2)C12-H12A···C6(CH-cyclopropyl)
$R^{2}_{3}(11)$	(CH3)C10-H10C···O4(C=O) & (CH-cyclopropyl)C5-H5···C10(CH3) & (CH3)C2-H2B···O4(C=O)
$R^{3}(12)$	(CH2)C12-H12A···C6(cyclopropyl) & (CH-cyclopropyl)C5-H5···C10(CH3) & (CH2)C13-H13A···O2(C=O)
$C^{1_2}(11)$	(CH3)C2-H2B···O4(C=O) & (CH3)C10-H10C···O4(C=O)
$C^{2}(8)$	(NH)N-H···O1(C=O) & (CH3)C2-H2A···O1(C=O)
$C^{2}(8)$	(CH3)C10-H10A···O2(C=O) & (CH3)C10-H10C···O4(C=O)
$C^{2}(9)$	(CH3)C2-H2A···O1(C=O) & (CH3)C2-H2B···O4(C=O)
$C^{2}(11)$	$(\mathrm{NH})N-H\cdots O1(C=O) \And (CH3)C2-H2B\cdots O4(C=O)$
$C^{2}(12)$	(CH-cyclopropyl)C5-H5···C10(CH3) & (CH2)C12-H12A···C6 (CH-cyclopropyl)
$C^{2}(14)$	$(\mathrm{NH})N-H\cdots O1(C=O) \And (CH3)C10-H10A\cdots O2(C=O)$
$C^{2}(14)$	$(\mathrm{NH})N-H\cdots O1(C=O) \And (CH3)C10-H10C\cdots O4(C=O)$
$C^{2}(14)$	(CH3)C10-H10A···O2(C=O) & (CH3)C10-H10C···O4(C=O)
$C^{2}(15)$	(CH3)C2-H2B···O4(C=O) & (CH3)C10-H10A···O2(C=O)
$C^{2}(15)$	(CH3)C2-H2B···O4(C=O) & (CH3)C10-H10C···O4(C=O)
$C^{2}(16)$	(CH3)C2-H2A···O1(C=0) & (CH3)C10-H10A···O2(C=0)
$C^{2}(16)$	(CH3)C2-H2A···O1(C=0) & (CH3)C10-H10C···O4(C=0)
2	
C(7)	(OH)O3-H3…O1(C=O)
C(7)	(CH3)C2-H2A···O2(C=O)
C(7)	(CH2-cyclopropyl)C7-H7A···O3(OH)
$R^{2}(8)$	[(OH)O5-H5···O4(C=O)]2
$R^{2}(10)$	[(NH)N-H…O2(C=O)]2
$R^{2}_{2}(12)$	[(CH-cyclopropyl)]C5-H5AO2(C=0)]2
level 2	
$C^{2}(7)$	(OH)O3-H7A···C7(C=O) & (CH2-cyclopropyl)C5-H5A···O2(OH)
$C^{2}(10)$	(OH)O3-H3···O1(C=O) & (CH2-cyclopropyl)C7-H7A···O3(OH)
$C^{2}(11)$	$(OH)O5\text{-}H5^{\dots}O4(C=O) \And (NH)N\text{-}H^{\dots}O2(C=O)$
$C^{2}(12)$	(OH)O5-H5···O4(C=O) & (CH2-cyclopropyl)C5-H5A···O2(C=O)
$C^{2}(12)$	(CH3)C2-H2A···O2(C=0) & (CH2-cyclopropyl)C7-H7A···O3(OH)
$C^{2}(14)$	(OH)O3-H3···O1(C=O) & (CH3)C2-H2A···O2(C=O)
$C^{2}(14)$	(OH)O3-H3···O1(C=O) & (CH2-cyclopropyl)C7-H7A···O3(OH)
$C^{2}(14)$	(CH3)C2-H2A···O2(C=0) & (CH2-cyclopropyl)C7-H7A···O3(OH)
$C^{3}_{4}(18)$	(NH)N-H···O2(C=0) & (CH3)C2-H2A···O2(C=0)
$C^{4}_{4}(20)$	[(OH)O3-H3···O1(C=O)]2 & [(NH)N-H···O2(C=O)]2
$C^{4}(20)$	[(CH2-cyclopropyl)C5-H5A···O2(C=O)]2 & [(CH2-cyclopropyl)C7-H7A···O3(OH)]2
$R^{1}_{2}(7)$	(NH)N-H···O2(C=O) & (CH2-cyclopropyl)C5-H5A···O2(C=O)
$R^{2}(8)$	(OH)O3-H3···O1(C=O) & (CH3)C2-H2A···O2(C=O)
$K^{2}(11)$	(NH)N-H···O2(C=O) & (CH2-cyclopropyl)C5-H5A···O2(C=O)
$K^{2}(12)$	$(CH)C4-H\cdots O3(C=O) \& (CH2-cyclopropyl)C6-H6A\cdots O4(C=O)$
$K^{2}4(12)$	[(NH)N-H···O2(C=0)]2 & [(CH3)C2-H2A···O2(C=0)]2
$R^{3}(11)$	(CH-cyclopropyl)C/-H···O3(C=O) & (CH2-cyclopropyl)C6-H6A···O4(C=O) & CH2-cyclopropyl)C/-H···C/(CH-cyclopropyl)
$K^{3}(8)$	(CH-cyclopropyl)C/-H···O3(C=O) & (CH)C4-H···O3(C=O) & CH2-cyclopropyl)C/-H···C/(CH-cyclopropyl)
$K^{4}(14)$	[(CH2-cyclopropyl)C5-H5A···O2(C=0)]2 & [(CH2-cyclopropyl)C/-H/A···O3(OH)]2
$K^{2}(18)$	[(CH3)C2-HZA···O2(C=0)]2 & (CH2-cyclopropyl)C3-H3A···O2(C=0)
$K^{34}(18)$	$[(NH)IN-\Pi \cdots U2(C=0)]2 \& [(CH3)U2-\Pi ZA \cdots UZ(C=0)]2$
$R_{4}(20)$	$\frac{1}{1000} \frac{1000}{100} 100$
$R^{4}(20)$	$\frac{ (UH)US-115\cdotsU1(U=0) 2 \&  (NH)IN-\Pi\cdotsU2(U=0) 2}{ (NH)IN-\Pi\cdotsU2(U=0) 2}$
$R_{4}(20)$	$[(NH)_{II} - I ]^{-1} U^{-1} U^{-1}$
1√4(∠U) 2	$[(CH2-cyclopropyi)CJ-11JAO2(C=0)]2 \& [(CH2-cyclopropyi)C/-\Pi/AO3(OH)]2$
3 (2)	$H = O H \Delta_{12} O H \alpha_{23}$
D(2)	(II20) <b>0-11A···O+</b> ((=0) (II20) <b>0-HB···O</b> 2((=0)
D(2)	$(\Pi 2 \cup [O^{-1} \Pi D - \mathbb{C} 2](\mathbb{C}^{=})$
D(2)	$(UP) \cup U^{-1} \cup U^{$
$\mathcal{L}(\mathcal{L})$	(CH2Cyclopropy)(CO-110D'''O(H2O))
C(3)	(LH2) <b>L+-11+A…U4</b> (L≠U) (CH2) <b>L5</b> H5(D1(C=0)
1.171	

C(7)	(CH3)C2-H2A···O2(C=0)
C(7)	(СН2сусlортору!)С6-Н6А…О5(он)
$R^{2}(14)$	[(CH3)C2-H2C…O3(OH)]2
level 2	
$C^{1}_{2}(9)$	(OH)O3-H3···O(H2O) & (CH2-cyclopropyl)C6-H6B···O(H2O)
$C^{2}(6)$	$(H_{20})O-HB\cdots O2(C=0) \in (OH)O3-H3\cdots O(H_{20})$
$C^{2}(6)$	(cta) (2-H2A(2)(c=0) & (cta) (2-H2C(Q3/(0H)
$C^{2}(8)$	
$C^{2}(8)$	$\frac{1}{100} - \frac{1}{100} = \frac{1}$
$C^{-2}(0)$	
$C^{-2}(8)$	(CH2)C4-F14A ····································
$C^{2}(9)$	(H20)( <b>U</b> -HA···U <b>4</b> (C=0) & (CH2-cyclopropy)( <b>U</b> - <b>6</b> -H6B···U(H20)
$C^{2}(10)$	(OH)O5-H3~OI(C=O) & (CH3)C2-H2A~O2(C=O)
$C^{2}(10)$	(OH)O5-H5···O1(С=O) & (CH3)C2-H2C···O3(OH)
$C^{2}(10)$	(OH)O5-H5···O1(C=O) & (CH2-cyclopropyl)C6-H6A···O5(OH)
$C^{2}(12)$	(CH3)C2-H2A···O2(C=0) & (CH2)C4-H4A···O4(C=0)
$C^{2}(12)$	(CH3)C2-H2C···O3(OH) & (CH2)C4-H4A···O4(C=0)
$C^{2}(12)$	(CH2)C4-H4A···O4(C=0) & (CH2-cyclopropyl)C6-H6A···O5(OH)
$C^{2}(14)$	[(OH)O5-H5···O1(C=0) & (CH3)C2-H2A···O2(C=0)
$C^{2}(14)$	(OH)O5-H5···O1(C=0) & (CH2-cyclopropyl)C6-H6A···O5(OH)
$C^{2}(14)$	(снз)С2-Н2А…О2(с=0) & (снз)С2-Н2С…О3(он)
$C^{2}(14)$	(CH3)C2-H2CO2(C=0) & (CH2-cyclopropy)C6-H6AO5(OH)
$C^{2}(14)$	(CH3)C2-H2CO3(0H) & (CH2-cycloprov))C6-H6AO5(0H)
$C^{4_4}(20)$	((CH3)C2-H2A···O2)((=0))2 & ((CH3)C2-H2C···O3)(OH))2
$C^{4}(20)$	(CH2)C4-H4AQ4/C=012 & (CH2)-upcloseque/C6-H6AQ5/(CH1)2
$R^{3}(8)$	(1) = (1)
$R^{2}(14)$	$(no)(-1)D = O_2(-c) + (on)(-1)D = O_1(-c) + (c(-1))(-1)D = O_2(-c) + (c(-1))(-1)(-1)(-1)(-1)(-1)(-1)(-1)(-1)(-1$
$R^{-3}(14)$ $R^{3}(14)$	$(0H)(0-H)^{-1}(H2) (0H2) (e(H2)(2-H2)(H2)) (e(H2)(20)(H2)(H2)(H2))$
$K^{3}(14)$	$(0H)OS-HO=O(HZQ) & (HZQ)O-HA=O(4(C=0) & (CHZ-cyclopropy)(O-HOA=O(0H)) \\ = O(2H)O(2H)O(2H)O(2H)O(2H)O(2H)O(2H)O(2H)$
$K^{34}(13)$	(OH)O3-H3O(H2O) & (OH)O5-H5OI(C=O) & (CH2-cyclopropy)/C6-H6AO3(OH) & (CH2-cyclopropy)/C6-H6BO(H2O)
$K^{4}(18)$	[(H2O)O-HB···OZ(C-O)]2 & [(CH2-cyclopropy)]Co-HBB···O(H2O)]2
$R^{4}(20)$	[(OH)O5-H5···O1(C=O)]2 & [(CH2)C4-H4A···O4(C=O)]2
$R^{4}(20)$	[(CH2)C4-H4A···O4(C=0)]2 & [(CH2-cyclopropy)]C6-H6A···O5(OH)]2
$D^{2}_{3}(8)$	[(OH)O-HA…O4(C=0)]2 & (CH2)C4-H4A…O4(C=0)
$D^{2}_{3}(9)$	[(H2O)O-HB···O2(C=O)]2 & (CH2)C2-H2A···O2(C=O)
D <sup>3</sup> 3(12)	(OH)O5-H5···O1(C=0) & [(H2O)O-HA···O4(C=0)]2
$D^{3}(16)$	(OH)O5-H5··O1(C=O) & [(OH)O3-H3··O(H2O)]2
D <sup>3</sup> 3(12)	[(H2O)O-HB…O2(C=O)]2 & (CH2)C2-H2C…O3(OH)
D <sup>3</sup> 3(12)	[(H2O)O-HB···O2(c=0)]2 & (CH2)C4-H4A···O4(c=0)
$D^{3}(12)$	[(OH)O3-H3···O(H2O)]2 & (CH3)C2-H2C···O3(OH)
$D^{3}(12)$	(CH2-cyclopropyl)C6-H6A···O5(OH) & [(CH2-cyclopropyl)C6-H6B···O(H2O)]2
$D^{3}(14)$	[(H2O)O-HB···O2(C=O)]2 & (OH)O5-H5···O1(C=O)
$D^{3}(14)$	(0)(H)(O3-H3O(H2O))2 & (CH2)(C2-H2AO2(C=0)
$D^{3}(14)$	(0H)O3-H3O(H2O)(2& (CH2)C4-H4AO4(C=0)
$D^{3}(14)$	$(H_2)(0,H_3,\dots,0) = (H_2)(C_2)(C_2)(C_3)$
$D^{3}(14)$	$(H_2) \bigcirc H_3 \cdots \bigcirc H_2 \bigcirc (H_2) ) (H_2) (H_2) \bigcirc (H_2) (H_2) ) (H_2) (H_2$
$D_{3}^{(14)}$	$ (\text{Indo}) = \text{Int}  \text{Order}_{(1)} = \text{Order}_{(1)} =$
$D_{3}(14)$	(into)or III o Z(co)/ze (nzzyco)opy)(co III/ O)(co)
$D^{-3}(14)$	
$D^{3}(10)$	
$D^{3}(18)$	(OH)O5-H3*-O1(C=0)&[(CH2-cyclopropy)]C5-H0D**O(H2O)]2
$D^{3}(18)$	(CH2)C2-H2A ···O2(C=0) & [(CH2-cyclopropy],Cb-H6b···O(H2O)]2
$D^{3}(18)$	(CH3)C2-H2C···O3(OH) & [(CH2-cyclopropyl)C6-H6B···O(H2O)]2
4	
C(7)	(cH3)C2A-H2CO3A(0H)
C(7)	(CH-cyclopropyl)C7B-H7BA···C1B(CH)
D(2)	(OH)O3-H3···O1C(C=O)
D(2)	(OH)O3A-H3A…O1B(C=O)
D(2)	(OH)O3B-H3B…O1A(c=o)
D(2)	(c=0)O3C-H3C···O1(c=0)
D(2)	(NH)N-H···O2A(c=0)
D(2)	(NH)NA-HA···O2(C=O)
D(2)	(NH)NB-HBO2C(C=0)
D(2)	(NH)NC-HC…O2B(C=O)
D(2)	(CH3)C2-H2BO1B(C=O)
D(2)	(CH3)C2-H2CO1B(C=0)
D(2)	(CH3)C2A-H2AB···O1C(C=O)
D(2)	(CH3)C2A-H2AB···O2(C=O)
D(2)	(CH3)C2B-H2B···O2C(C=O)
D(2)	(CH3)C2B-H2B···O1(C=0)
D(2)	(CH3)C2C-H2CAO2(C=0)
D(2)	(CH3)C2C-H2CAO2A(C=0)
D(2)	(CH3)C2C-H2CB···O2B(C=0)
D(2)	(CH-cyclopropy) $C5-H5C7C((CH-cyclopropy))$
- (-)	(

level 2	
$C^{2}(8)$	(0H)O3-H3···O1C(c=0) & (cH3)C2-H2CA···O2(c=0)
$C^{2}(8)$	
$C^{2}(8)$	$(a) bole HDR_{\alpha} o (a) (a) DR_{\alpha} D (a) (a) (a) DR_{\alpha} D (a) (a) (a) DR_{\alpha} D (a) (a) DR_{\alpha} D (a) (a) DR_{\alpha} D (a) (a) DR_{\alpha} D (a) (a) (a) DR_{\alpha} D (a) (a) (a) (a) DR_{\alpha} D (a) (a) (a) (a) (a) (a) (a) (a) (a) (a)$
$C_{2(0)}$	$(H_3) \subset 2^{-1} LD = O(D(\mathbb{C})) \otimes (H_3) \subset D^{-1} LD = O((\mathbb{C}))$
$C^{-2}(11)$	(CH3)CZA-HZAD" UTC (C43) & (CH3)CZC-HZCA" UZA(C=0)
$R^{2}(14)$	(CH-cyclopropy)(C/D-H/DA···CLB(CH))2
$C^{2}(14)$	(OH)U3-H3···O1(C(=0) & (OH)U3-H3C···O1(C=0)
$C^{2}(14)$	(OH)O3A-H3AA···O1B(C=O) & (OH)O3B-H3B···O1A(C=O)
$C^{2}(14)$	(OH)O3-H3···O1C(C=O) & (CH3)C2-H2C···O2C(C=O)
$C^{2}(14)$	(OH)O3C-H3C···O1(C=O) & (CH3)C2C-H2CA···O2(C=O)
$C^{3}(15)$	cyclopropy1)C5A-H5A…C6(CH-cyclopropy1) & (CH3)C2B-H2BC…O3A(C=O) & (CH3)C2B-H2BB…O1(C=O)
$C^{4}(12)$	$(CH-cyclopropyl)C7C-H7CA \cdots C2(CH) \& (CH-cyclopropyl)C5-H5 \cdots C7C(CH-cyclopropyl) \& (CH-cyclopropyl)C5-H5A \cdots C6(CH-cyclopropyl) \& (CH-cyclopropyl)C6A - C4(CH) \\ (CH-cyclopropyl)C5-H5A \cdots C6(CH) \\ (CH-cyclopropyl)C5-H5A - C4(CH) \\ (CH-cyclopropyl$
	H6AB···C5C(CH-cyclopropyl)
$R^{1}_{2}(6)$	(NH)N-H…O2A(C=0) & (CH3)C2-H2B…O2A(C=0)
$R^{12}(6)$	(NH)NA-HA…O2(C=0) & (CH3)C2A-H2AB…O2(C=0)
$R^{1}_{2}(6)$	(NH)NB-HB···O2C(c=0) & (CH3)C2B-H2BB···O2C(c=0)
$R^{1}_{2}(6)$	(NH)NC-HC···O2B(c- $\circ$ ) & (cH3)C2C-H2CB···O2B(c- $\circ$ )
$R^{2}(6)$	(0H) O3A-H···O1B(c=0) & (CH3)C2-H···O2A(c=0) & (CH3)C2-H···O1B(c=0)
$R^{2}(9)$	
$R^{2}(10)$	
$R_{2}(10)$	$(\text{NH}) \times 11 \text{ OZA}(=0) \otimes (\text{NH}) \times 11 \text{ OZ}(=0)$
$R^{-2}(10)$	$(NH) ND - ID \cdots DL(=0) \land (NH) ND - ID \cdots DL(=0)$
$K^{-2}(12)$	$(NH)N^{-1}T^{-1}OZA(Ce) \otimes (CH)ZD^{-1}ZAD^{-1}OZ(Ce)$
$R^{2}(12)$	(NH)NA-HA-02(C=0) & (CH3)(2-H2B-02A(C=0)
$R^{2}(12)$	(NH)NB-HB···O2C(C=O) & (CH3)C2C-H2CB···O2B(C=O)
$R^{2}(12)$	(NH)NC-HC…O2B(c=0) & (CH3)C2B-H2BB…O2C(c=0)
$R^{2}(14)$	(CH3)C2-H2B···O2A(C=0) & (CH3)C2A-H2AB···O2(C=0)
$R^{2}(14)$	(CH3)C2-H2C…O2C(C=O) & (CH3)C2C-H2CA…O2(C=O)
$R^{2}(14)$	(CH3)C2B-H2BB···O2C(C=0) & (CH3)C2C-H2CB···O2B(C=0)
R <sup>3</sup> 3(14)	(CH-cyclopropyl)C5A-H5A…C6(CH-cyclopropyl) & (CH-cyclopropyl)C7C-H7CA…C2(CH) & (NH)N-H…O2A(C=O)
R <sup>3</sup> 3(17)	(CH-cyclopropyl)C5A-H5A···C6(CH-cyclopropyl) & (CH-cyclopropyl)C6A-H6AB···C5C(CH-cyclopropyl) & (OH)O3-H3···O1C(C=0)
$R^{4}(18)$	(CH-cyclopropy))C5B-H7BA···C1B(CH) & (CH-cyclopropy))C7C-H7CA···C2(CH) & (CH)C2-H2B···O1B(C=0) & (NH)NB-HB···O2C(C=0)
$R^{4}(20)$	(CH-cyclopropyl)C7B-H7BA···C1B(CH) & (CH)C2-H2B···O1B(C=0) & (CH-cyclopropyl)C7C-H7CA···C2(CH) & (CH)C2B-H2BB···O2C(c=0)
$D^{1_2}(3)$	(OH)O3-H3···O1C(C=0) & (CH3)C2A-H2AB···O1C(C=0)
$D^{1}_{2}(3)$	(OH)O3A-H3AA-O1B(C=0) & (CH3)C2-H2B-O1B(C=0)
$D^{1_2}(3)$	(0H)O3A-H3C··O1(c=0)&(cH3)C2B-H2BB··O1(c=0)
$D^{1_2}(3)$	(1) $(1)$
$D_{2}(3)$	$\operatorname{AutoNR-HB}_{\mathcal{O}}(\mathcal{O}(\mathcal{O}(\mathcal{O}(\mathcal{O}(\mathcal{O}(\mathcal{O}(O$
$D_{2}(3)$	
$D^{-2}(3)$	(H3)C2+12D = O(1) (e(H3)C2+112D = O(2A(e3))
$D^{1}_{2}(3)$	$(CH3) C2 - FIZD \cdots OZA(C=0) \& (CH3) C2 - FIZCA \cdots OZA(C=0)$
$D^{1_2}(3)$	(CH3)(2-H2C - O2C)(C=0) & (CH3)(22B-H2BB - O2C)(C=0)
$D^{2}(3)$	$(CH3)C2D-H2DB\cdots O2C(C=0) \& (CH3)C2D-H2DB\cdots O1(C=0)$
$D^{2}_{2}(5)$	(CH3)C2-H2B···O1B(C=0) & (CH3)C2-H2C···O2C(C=0)
$D^{2}_{2}(5)$	(CH3)C2-H2B···O2A(C=0) & (CH3)C2-H2C···O2C(C=0)
$D^{2}_{2}(6)$	(OH)O3-H3···O1C(C=O) & (NH)NA-HA···O2(C=O)
$D^{2}_{2}(6)$	(OH)O3-H3C…O1C(C=0) & (NH)NC-HC…O2B(C=0)
$D^{2}(6)$	(OH)O3A-H3A···O1B(C=0) & (NH)N-H···O2A(C=0)
$D^{2}(6)$	(OH)O3B-H3B···O1A(C=0) & (NH)NA-HA···O2(C=0)
$D^{2}(6)$	(OH)O3B-H3B···O1A(C=0) & (NH)NC-HC···O2B(C=0)
$D^{2}_{2}(6)$	(OH)O3C-H3C···O1(C=O) & (NH)N-H···O2A(C=O)
$D^{2}(6)$	(OH)O3A-H3A···O1B(C=O) & (CH3)C2-H2B···O2A(C=O)
$D^{2}(6)$	(OH)O3-H3C···O1(C=0) & (CH3)C2-H2B···O2A(C=0)
$D^{2}(6)$	(OH)O3-H3O1C(C=O) & (CH3)C2A-H2ABO2(C=O)
$D^{2}(6)$	(OH)O3-H3···O1C(C=0) & (CH3)C2C-H2CA···O2A(C=0)
$D^{2}(6)$	(OH)O3-H3···O1C(C=0) & (CH3)C2C-H2CB···O2B(C=0)
$D^{2}(6)$	(0H) 03B-H3B01A (c=0) + (cH3C2A-H2AB02(c=0)
$D^{2}(6)$	$(a_1)_{03} = (a_1)_{03} = (a_1)_{03} = (a_1)_{03} = (a_2)_{03} = (a_$
$D^{2}(6)$	$(a_1)_{0,0} = b_1 = (a_1)_{0,0} = (a_1)_{0,0} = (a_2)_{0,0} = (a_2)_{0$
$D^{2}(6)$	
$D^{-2}(0)$	$(1 \times 1) = 1  \forall \mathcal{L}_1 \land ((\mathbb{T}_2)) \land ((\mathbb{T}_2)) \subset \mathcal{L}_2 \to \mathbb{T}_2 \to \mathbb{T}$
$D^{2}(6)$	$(NH)ND-FID^{-1}UZC(C=0) \& (CH3)(Z-FIZA^{-1}UID)(C=0)$
$D^{-2}(6)$	(CH3) ∠2-Π2D <sup></sup> ∪ I Ď(C=0) & (CH3) ∠2Ď-H2ĎĎ <sup></sup> ∪ 2∪(C=0)
D <sup>2</sup> 2(6)	$(CH3) \cup 2 - \Pi \angle D \cdots \cup \angle A(C=0) \& (CH3) \cup \angle D - \Pi \angle D D \cdots \cup I(C=0)$
$D^{2}(6)$	(CH3)CZ-HZC…OZC(C=0) & (CH3)CZB-HZBB…OI (C=0)
$D^{2}(7)$	(OH)U3B-H3B···O1A(C=O) & (NH)N-H···U2A(C=O)
$D^{2}(7)$	(NH)N-H···O2A(C=O) & (CH3)C2-H2B···O1B(C=O)
$D^{2}(7)$	(NH)N-H···O2A(C=O) & (CH3)C2-H2C···O2C(C=O)
$D^{2}(7)$	(NH)N-H···O2A(C=O) & (CH3)C2C-H2CA···O2(C=O)
$D^{2}_{2}(7)$	(NH)NC-HCO2B(C=0) & (CH3)C2-H2CO2C(C=0)
$D^{2}_{2}(8)$	$(OH)O3-H3\cdots O1C(C=0) \And (NH)N-H\cdots O2A(C=0)$
$D^{2}_{2}(8)$	$(OH)O3-H3\cdots O1C(C=O) \And (NH)NB-HB\cdots O2(C=O)$
$D^{2}_{2}(8)$	(OH)O3-H3···O1C(C=O) & (CH3)C2B-H2BB···O2C(C=O)
D <sup>2</sup> 2(8)	$(OH)O3B-H3B\cdots O1A(C=0) \And (NH)NB-HB\cdots O2C(C=0)$

$D^{2}(8)$	(OH)O3B-H3B···O1A(C=O) & (CH3)C2-H2BB···O2A(C=O)
$D^{2}(8)$	(OH)O3B-H3B…O1A(C=O) & (CH3)C2C-H2CA…O2A(C=O)
$D_{2}^{2}(8)$	AUNIC-HCO2B/(-0).6/(H2)C2-H2BO1B/(-0)
$D^{2}(0)$	
$D^{-2}(0)$	(C+S)(C-T+Z) = (C+S)(C+S)(C+T+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z+Z+T+Z
$D^{2}(8)$	(CH3)C2-H2B···O1B(C=0) & (CH3)C2C-H2CB···O2B(C=0)
$D^{2}_{2}(9)$	(OH)O3-H3···O1C(C=O) & (CH3)C2B-H2BB···O1(C=O)
$D^{2}_{2}(9)$	(OH)O3B-H3B…O1A(C=0) & (CH3)C2-H2B…O1B(C=0)
$D^{2}_{2}(9)$	(NH)N-H····O2A(C=0) & (CH3)C2A-H2AB···O1C(C=0)
$D^{2}(9)$	NHNNA-HAO2(r=0) + (rH3)C2-H2BO1B(r=0)
$D^{2}(0)$	$\operatorname{Aux}_{\mathrm{MA}} \operatorname{MA}_{\mathrm{MA}} \operatorname{Out}_{\mathrm{MA}} = \operatorname{Aux}_{\mathrm{MA}} \operatorname{Cont}_{\mathrm{MA}} \operatorname{Cont}_{\mathrm{MA}}$
$D^{-2}(9)$	(NH) (NA-11A <sup>-1</sup> O2((=)) & (CH3)(2-112C <sup>-1</sup> O2(2)()H)
$D^{2}_{2}(9)$	(CH3)C2A-H2B···O1B(C=0) & (CH3)C2C-H2C···O2(C=0)
$D^{2}_{2}(9)$	(CH3)C2-H2B···O1B(C=0) & (CH3)C2A-H2AB···O2(C=0)
$D^{2}_{2}(9)$	(CH3)C2-H2B···O2A(C=0) & (CH3)C2A-H2AB···O1C(C=0)
$D^{2}_{2}(9)$	(CH3)C2-H2B···O2A(C=0) & (CH3)C2C-H2C···O2(C=0)
$D^{2}_{2}(9)$	(CH3)C2-H2CO2C(c=0) & (CH3)C2C-H2CAO2A(c=0)
$D_{2}^{2}(9)$	CH2C2-H2C
$D_{2}(0)$	
$D^{2}(9)$	$(C+3)(-2-12C^{-1}) \otimes (C+3)(-2C^{-1}) \otimes (C+3)(-$
$D^{2}(10)$	(OH)O3-H3··OIC(C=O) & (CH3)C2-H2B··OIB(C=O)
$D^{2}(10)$	(OH)O3-H3···O1C(C=O) & (CH3)C2-H2B···O2A(C=O)
$D^{2}(10)$	(OH)O3B-H3B…O1A(C=0) & (CH3)C2B-H2BB…O2C(C=0)
$D^{2}(10)$	(OH)O3B-H3B…O1A(C=O) & (CH3)C2B-H2BB…O1(C=O)
$D^{3}(12)$	(0H)(O3B-H3B···O1A)(C=0) & (CH3)(C2A-H2AC···O3A)(OH)
$D_{3_2}(12)$	(1,1) $(1,1)$ $(1,1$
$D^{-3}(12)$	
$D^{3}(12)$	(CH3)C2-H2D···O2A(C=0) & (CH3)C2A-H2AC···O3A(OH)
5	
D(2)	(OH)O2-H2··O1A(C=O)
D(2)	(OH)O2-H2A…O1(C=O)
D(2)	(CH2-cyclopropyl)C7-H7AA···O2(OH)
D(2)	(cH)C21-H21-Q4(coc)
C(4)	
C(4)	
C(4)	
C(5)	(CH2)C4A-H4A···O1A(C=O)
C(6)	(CH2)C4-H4AO3(C=O)
C(7)	(CH2-cyclopropyl)C6A-H6AB···O1A(C=O)
level 2	
$C^{1}_{2}(6)$	(CH2)C4A-H4AAO1A(C=0) & (CH2-cycloproxy)C6A-H6ABO1A(C=0)
$C^{2}(0)$	(current of the current of the curr
C-2(9)	
$C^{2}(10)$	(NH)N-H···O3(C=0) & (CH2)C4-H4A···O3(C=0)
$C^{2}(11)$	(OH)O2A-H2A···O1(C=O) & (CH2-cyclopropyl)C7A-H7A···O2(OH)
$C^{2}(11)$	(NH)NA-HA···O3A(C=0) & (CH2)C4-H4A···O1A(C=0)
$C^{2}(12)$	(CH2)C4A-H4AO1A(C=0) & (CH2-cyclopropyl)C6A-H6ABO1A(C=0)
$C^{2}(13)$	(NH)NA-HA···O3A(C=O) & (CH2-cyclopropy) (C6-H6AB···O1A(C=O))
$C_{22}^{22}(20)$	$(\mu)$ ( $\mu$ )
$C^{-2}(20)$	
$K^{1}2(6)$	(NH)N-H···O3(C=0) & (CH2)C4-H4A···O3(C=0)
$R^{2}(8)$	[(OH)O2A-H2A···O1(C=O)]2
$R^{2}(7)$	(CH2)C4A-H4A···O1A(C=0) & (CH)C3A-H3AC5A(CH-cyclopropryl)
$R^{2}(11)$	(NH)NA-HA…O3A(C=O) & (CH2)C4-H4A…O1A(C=O)
$R^{2}_{3}(7)$	(CH2-cyclopropy))C7A-H7AAO2(OH) & (OH)O2-H2O1A(C=0) & (CH2-cyclopropy))C6A-H6ABO1A(C=0)
$R^{2}_{3}(13)$	$(CH2)C4A-H4A\cdotsO1A(C=0) \& (CH2, concentration (CA)-H6AB\cdotsO1A(C=0))$
$R_{3}(20)$	(a) = (a)
$R^{3}(20)$	
$K^{34}(10)$	[(CH2)C4A-T14A.··OIA(C=0)]2 & [(CH2-cyclopropy)]C0A-T10AD.··OIA(C=0)]2
$D^{2}_{3}(8)$	[(OH)O2-H2···OIA(C=0)]2 & (CH2)C4A-H4A···OIA(C=0)
$D^{2}_{3}(10)$	[(OH)O2-H2···O1A(C=O)]2 & (CH2-cyclopropyl)C6A-H6AB···O1A(C=O)
D <sup>3</sup> 3(9)	(NH)N-H···O3(C=0) & [(CH)C21-H21A···O4(C-O-C)]2
$D^{3}(11)$	(CH2)C4-H4A…O3(C=0) & ((CH)C21-H21A…O4(C-0-C))2
$D^{3}(12)$	(юн)O2A-H2A···O1(с=0)/2& (сH2)C4-H4A···O1(с=0)
$D_{3_2}(13)$	$(\alpha_{1})(\alpha_{2})$
$D^{3}(13)$	
$D^{3}(13)$	[(OH)OZA-H2OTA(C=0)]2 & (NH)NA-HAOSA(C=0)
$D^{3}_{3}(13)$	[(OH)O2A-H2A···O1(C=0)]2 & (CH2)C4-H4A···O3(C=0)
D <sup>3</sup> 3(13)	(NH)N-H···O3(C=0) & [(CH2-cyclopropyl)C7-H7A···O2(OH)]2
D <sup>3</sup> 3(13)	(CH2)C4-H4A···O3(C=0) & [(CH2-cyclopropyl)C7-H7A···O2(OH)]2
D <sup>3</sup> 3(13)	(CH2-cyclopropyl)C6A-H6AB···O1A(C=O) & [(CH2-cyclopropyl)C7A-H7A···O2(OH)]2
$D^{3}(14)$	(юн)02A-H2A···O1(C=0))2& (CH2-cyclopropy))C6A-H6AB···O1A(C=0)
$D^{3}(15)$	$\mu(0h)\Omega_2 + H^2 \Delta \dots \Omega_1(c-0) = \mu(ch)\Omega_2 \Delta - H^2 \Delta \dots \Omega_1(c-0)$
$D^{-3}(10)$	$[(UT)O2^{-1}12A \cup I(U=U)]2\& (UT)O2A^{-1}12A^{-1}O1(U=U)$
$D^{-3}(15)$	$[(UH)\cup \mathcal{L}-\Pi\mathcal{L}^{-1}\cup \mathcal{I} A(C=0)]2 \& (NH)\sqcup \Pi^{-1} \cdots \cup \mathcal{I} (C=0)$
D <sup>3</sup> 3(15)	[(OH)U2-H2···O1A(C=0)]2 & (CH2)U4-H4A···O3(C=0)
$D_{3}^{3}(17)$	
$D_{3(17)}$	(NH)NA-HA···O3A(C=O) & [(CH2-cyclopropyl)C7-H7A···O2(OH)]2
ADELOM	$(NH)NA-HA\cdotsO3A(C=0) \& [(CH2-cyclopropyl)C7-H7A\cdotsO2(OH)]2$
ADELOM C(6)	(NH)NA-HA···O3A(C=0) & [(CH2-cyclopropyl)C7-H7A···O2(OH)]2 (CH-cyclopropyl)C26-H28···O2(C=0)
<b>ADELOM</b> C(6) <i>level</i> 2	(NH)NA-HA···O3A(C=0) & [(CH2-cyclopropyl)C7-H7A···O2(OH)]2 (CH-cyclopropyl)C26-H28···O2(C=0)

$C^{2}(10)$	(CH-cyclopropyl)C26-H28O2(C=O) & (NH)N2-H1O2(C=O)
ADELUS	
lazzal 2	
$R^{2}(12)$	[(CH-cyclopropyl)C25-H32···O3(C=O)]2
$R^{2}(14)$	[(CH-cyclopropyl)C25-H33O4(C=0)]2
$C_{2}^{2}(11)$	$\alpha_{\rm H}N_2 H_5 = O_{\rm H}C_2 + C_{\rm H}C_2 + H_2 + O_{\rm H}C_2 + C_2 + C_$
$C_{2(11)}$	
$C^{2}(13)$	(NH)IN2-H5···O4(C=O) & (CH-cyclopropyl)C25-H32···O3(C=O)
$R^{1_2}(8)$	(CH-cyclopropyl)C25-H33O4(C=O) & (NH)N2-H5O4(C=O)
$R^{2}(14)$	(CH-cyclopropy))C25-H33O4(C=0) & & (NH)N2-H5O4(C=0)
(14)	
$C^{2}(11)$	(CH-cyclopropyl)C25-H32···O3(C=O) & (CH)C12-H18O4(C=O)
$R^{1}_{2}(6)$	(CH-cyclopropyl)C25-H33···O4(C=O) & (CH)C12-H18···O4(C=O)
$R^{2}(12)$	(CH-cuclentony))C25-H33O4(C=0) & (CH)C12-H18O4(C=0)
$D_{2}^{2}(20)$	
K <sup>2</sup> 2(20)	$(CH-cyclopropyl) C20-\Pi Z \delta \cdots OZ(C=0) \& (arom) C21-\Pi Z \delta \cdots O2(C=0)$
$C^{1_2}(10)$	(CH-cyclopropyl)C26-H28O2(C=O) & (arom)C23-H30O3(C=O)
$C^{2}(14)$	(CH-cyclopropy))C25-H33O4(C=0) & (arom)C23-H30O3(C=0)
$C_{2}(12)$	(21 + 1) $(25 + 22)$ $(4 + 2)$ $(22 + 20)$ $(22 + 20)$
C-2(13)	(CH-cyclopropyl)(C2J-1155,O4(C=0) & (arom)(C2J-1150,O3(C=0))
$C^{2}(15)$	(CH-cyclopropyl)C25-H33···O4(C=O) & (arom)C23-H30···O3(C=O)
$C^{2}(9)$	(CH-cyclopropyl)C25-H33O4(C=0) & (CHcyclopropyl)C25-H32O3(C=0)
$C_{2}^{2}(13)$	$(CH_{m})$ $(C1)$ $(C1)$ $(C1)$ $(C1)$ $(C1)$ $(C1)$ $(C1)$ $(C2)$ $(C2)$ $(C2)$ $(C1)$ $(C1)$ $(C2)$ $(C2)$ $(C2)$ $(C1)$ $(C2)$ $(C2$
C 2(13)	(Chcyclopropy)(C20-1102 00(C-0) & (Ch-cyclopropy)(C20-1100 0+(C-0)
ADEMAZ	
$R^{2}(10)$	[CHcyclopropyl)C3-H2···O1(c-o-c)]2
$R^{2}(14)$	I(CHevelopropyl)C22-H27O3(C=0)
1 12	
level 2	
$C^{2}(14)$	(CHcyclopropyl)C3-H2···O1(c-o-c) & (NH)N1-H1···O3(C=O)
$R^{1}_{2}(8)$	(NH)N1-H1O3(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
$D_{2}^{(14)}$	$\operatorname{Aut} N1 \hspace{0.5mm} \text{H1} \hspace{0.5mm} \text{O2} \hspace{0.5mm} $
N=2(14)	(INT)INI-III UO(C=0) & (CHcyclopropyl) UZZ-TIZ/ UO(C=0)
$C^{2}(8)$	(CHcyclopropyl)C3-H2···O1(c-o-c) & (CHcyclopropyl)C5-H7···O2(C=O)
$C^{2}(10)$	(CHcyclopropyl)C3-H2O1(c-o-c) & (CH2)C5-H7O2(C=O)
$C_{4}(18)$	(CH) $(CH)$
$C_{4}(10)$	(CHcyclopropy) CO-112 O1(c-o-c) & (CHcyclopropy) CO-117 O2(c=0)
$C^{2}(15)$	(CHcyclopropyl)C3-H2···O1(c-o-c) & (CH2)C11-H17O4(C=O)
$C^{2}(15)$	(CHcyclopropyl) C3-H2···O1(c-o-c) & (arom)C16-H21O2(C=O)
$C^{2}(17)$	(CHevelopropy) C3-H2O1(c-o-c) & (arom)C16-H21O2(C=O)
$C_{2}^{2}(18)$	$(C_1, C_2, C_1, C_2, C_2, C_2, C_2, C_2, C_2, C_2, C_2$
$C^{-2}(10)$	(CHcyclopropyl) CO-112O1(c-o-c) & (CHcyclopropyl)CZZ-1127O3(C=O)
$C^{2}(20)$	(CH2)C5-H7O2(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
$C^{2}(20)$	(CH2)C5-H7O2(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
$C^{2}(11)$	(CH2)C11-H17O4(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
$C_{2}^{2}(13)$	$(CH2)C11_H17 = O4(C_0) + (CH2)C22_H27_UO3(C_0)$
$C_{2}(15)$	(CH2)CT1-T117OT(C=0) & (CH2)CD2-T127 OO(C=0)
$C^{2}(17)$	(arom)C10-H21O2(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
$C^{2}(19)$	(arom)C16-H21O2(C=O) & (CHcyclopropyl)C22-H27O3(C=O)
ADEMED	
D(2)	(CHevelopropy)(C9-H13O10(C=0))
	$(U_{1})$ $(U_{$
L(2)	
level 2	
$D^{3}_{3}(16)$	[(CHcyclopropyl)C9-H13O10(C=O)]2 & (NH)N1-H1O3(C=O)
$D^{3}_{3}(12)$	[(CHcyclopropyl)C31-H41O5(C=0)]2 & (NH)N1-H1O3(C=0)
$C^{2}(19)$	$(CH_{CV}(a)) (0.000)$
$C_{2}^{2}(19)$	$(CH_{a}) = (C_{a})^{2} (C_{a$
$C^{-2}(19)$	(CH2yclopropyi)C51-114105(C=0) & (CH2) C5-11707 (C-0-C)
$D^{2}_{3}(14)$	(CHcyclopropyl)C32-H42O7(C=0) & [ (CH2) C5-H7O7(C-0-C)]2
$C^{1_2}(15)$	(CHcyclopropyl)C9-H13O10(C=O) & (CH2)C6-H9O10(C=O)
$C^{2}(17)$	(CHcyclopropyl)C31-H41O5(C=O) &(CH3)C6-H9O10(C=O)
$D^{3}(16)$	(CHevelopropy)(C32-H42) $O7(C=0) & I(CH3)(C6-H9) O10(C=0)$
$D_{3}(14)$	(01) = (01) =
$D^{-3}(14)$	(CHCyclopropy)(C9-1115O10(C=0))2 & (CH)C19-1125O5(C=0)
$D^{3}(12)$	
	[(CHcyclopropyl)C9-III5OI0(C=0)]2 & (NH)IN5-II29O6[C=0]
$C^{2}(17)$	[(CHcyclopropyl)C9-F115O10(C=0)]2 & (NH)IN3-F125O8(C=0] (CHcyclopropyl)C9-H13O10(C=0) & (CH3)C28-H38O5(C=0)
$C^{2}(17)$ $R^{2}(16)$	[(CHcyclopropy)]C9-H15O10(C=0)]2 & (NH)IN3-H29O6(C=0) (CHcyclopropy)]C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0)
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$	[(CHcyclopropy)/C9-H13O10(C=0)]2 & (CH3)C28-H38O5(C=0) (CHcyclopropy)/C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)/C31-H41O5(C=0) & (CHcyclopropy)/C9-H13O10(C=0) ((CHcyclopropy)/C9-H13O10(C=0))2 & (CHcyclopropy)/C32-H42O7(C=0)
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$	[(CHcyclopropyl)C9-H13O10(C=0)]2 & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C31-H41O5(C=0) & (CHcyclopropyl)C9-H13O10(C=0) [(CHcyclopropyl)C9-H13O10(C=0)]2 & (CHcyclopropyl)C32-H42O7(C=0)
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(16)$	[(CHcyclopropy)]C9-H13O10(C=0)]2 & (H4)IN3-H29O8(C=0)] (CHcyclopropy)]C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0) [(CHcyclopropy)]C9-H13O10(C=0)]2 & (CHcyclopropy)]C32-H42O7(C=0) (CHcyclopropy)]C32-H42O7(C=0) & [(arom)C13-H19O6(C=0)]2
C <sup>2</sup> 2(17) R <sup>2</sup> 2(16) D <sup>3</sup> 3(16) D <sup>3</sup> 3(16) D <sup>3</sup> 3(12)	[(CHcyclopropy)]C9-H13O10(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropy)]C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0) [(CHcyclopropy)]C9-H13O10(C=0)]2 & (CHcyclopropy)]C32-H42O7(C=0) (CHcyclopropy)]C32-H42O7(C=0) & [(arom)C13-H19O6(C=0)]2 [(CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0)
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(16)$	[(CHcyclopropy)]C9-H13O10(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropy)]C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0) [(CHcyclopropy)]C9-H13O10(C=0)]2 & (CHcyclopropy)]C32-H42O7(C=0) (CHcyclopropy)]C32-H42O7(C=0) & [(arom)C13-H19O6(C=0)]2 [(CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropy)]C31-H41O5(C=0)]2 & (NH)IN3-H29O8(C=0)
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(16)$ $R^{2}(10)$	$\label{eq:correspondence} \begin{split} & [(CHcyclopropy)]C9-H13O10(C=0)] \& (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0) \& (CHcyclopropy)]C9-H13O10(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0)]2 \& (CHcyclopropy)]C32-H42O7(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (Iarom)C13-H19O6(C=0)]2 \\ & [(CHcyclopropy)]C31-H41O5(C=0)]2 \& (CH)C19-H23O3(C=0) \\ & [(CHcyclopropy)]C31-H41O5(C=0)]2 \& (CH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (CHcyclopropy)[C32-H42O7(C=0) & (CHcyclopropy)[C32-H42C7(C=0) & (CHcyclopropy)[C32-H42C7(C=0) & (CHcyclopropy)[C32-H42C7(C=0) & (CHcyclopropy)[C32-H42C7(C=0) & (CHcyc$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(16)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$	[(CHcyclopropy)]C9-H13O10(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropy)]C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0) [(CHcyclopropy)]C9-H13O10(C=0)]2 & (CHcyclopropy)]C32-H42O7(C=0) (CHcyclopropy)]C32-H42O7(C=0) & (Iarom)C13-H19O6(C=0)]2 [(CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)N3-H29O8(C=0) (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0)
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(16)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ Ch(15)	$[(CHcyclopropy)(C9-H13O10(C=0)] & (CH3)C28-H29O8(C=0) \\ (CHcyclopropy)(C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C31-H41O5(C=0) & (CHcyclopropy)(C9-H13O10(C=0) \\ [(CHcyclopropy)(C9-H13O10(C=0)] & (CHcyclopropy)(C32-H42O7(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (arom)C13-H19O6(C=0)]2 \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)C19-H23O3(C=0) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $R^{3}_{2}(10)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$	[(CHcyclopropyl)C9-H13O10(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C31-H41O5(C=0) & (CHcyclopropyl)C9-H13O10(C=0) [(CHcyclopropyl)C32-H42O7(C=0) & (CHcyclopropyl)C32-H42O7(C=0) (CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropyl)C31-H41O5(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C31-H41O5(C=0) & (CH3)C28-H38O5(C=0)
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(12)$ $R^{2}(10)$ $R^{2}(10)$ $R^{2}(18)$ $C^{1}(15)$ $D^{3}(20)$	$\label{eq:correspondence} \begin{split} & [(CHcyclopropy)]C9-H13O10(C=0)] \& (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0) \& (CHcyclopropy)]C9-H13O10(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0)] & (CHcyclopropy)]C9-H13O10(C=0) \\ & [(CHcyclopropy)]C32-H42O7(C=0) & (CHcyclopropy)]C32-H42O7(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)] & (CH0)C13-H19O6(C=0)]2 \\ & [(CHcyclopropy)]C31-H41O5(C=0)] & (CH)C19-H23O3(C=0) \\ & [(CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0) & (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ & (CH2)C42-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ & (CH2)C4$
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(12)$ $D^{3}(12)$ $R^{2}(10)$ $R^{2}(10)$ $R^{2}(18)$ $C^{1}(15)$ $D^{3}(20)$ $D^{3}(17)$	$\label{eq:correspondence} \begin{split} & [(CHcyclopropy)]C9-H13O10(C=0)] \& (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0) \& (CHcyclopropy)]C9-H13O10(C=0) \\ & (CHcyclopropy)]C9-H13O10(C=0)] \& (CHcyclopropy)]C9-H13O10(C=0) \\ & [(CHcyclopropy)]C32-H42O7(C=0) & (CHcyclopropy)]C32-H42O7(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)] \& (CH)C19-H23O3(C=0) \\ & [(CHcyclopropy)]C31-H41O5(C=0)] \& (CH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0) & (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)]2 \\ & (CHcyclopropy)$
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(12)$ $D^{3}(12)$ $R^{2}(10)$ $R^{2}(10)$ $R^{2}(18)$ $C^{1}(15)$ $D^{3}(20)$ $D^{3}(17)$ $D^{3}(20)$	[(CHcyclopropy),C9-H13O10(C=0)]2 & (NH)N3-H29O8(C=0) (CHcyclopropy),C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy),C31-H41O5(C=0) & (CHcyclopropy),C9-H13O10(C=0) [(CHcyclopropy),C32-H42O7(C=0) & (CHcyclopropy),C32-H42O7(C=0) (CHcyclopropy),C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropy),C31-H41O5(C=0)]2 & (CH)N3-H29O8(C=0) (CHcyclopropy),C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropy),C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropy),C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropy),C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropy),C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropy),C32-H42O7(C=0) & [(CHcyclopropy),C31-H41O5(C=0)]2 (CHcyclopropy),C32-H42O7(C=0) & [(CHcyclopropy),C31-H41O5(C=0)]2 (CHcyclopropy),C32-H42O7(C=0) & [(CHcyclopropy),C31-H41O5(C=0)]2 (CHcyclopropy),C32-H42O7(C=0) & [(CHcyclopropy),C31-H41O5(C=0)]2
$C^{2}(17)$ $R^{2}(16)$ $D^{3}(16)$ $D^{3}(12)$ $D^{3}(16)$ $R^{2}(10)$ $R^{2}(10)$ $R^{2}(18)$ $C^{1}(15)$ $D^{3}(20)$ $D^{3}(17)$ $D^{3}(20)$ <b>BUTCIF</b>	$\label{eq:correspondence} \begin{split} & [(CHcyclopropy)]C9-H13O10(C=0)] \& (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C9-H13O10(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0) & (CHcyclopropy)]C32-H42O7(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)]2 & (CHcyclopropy)]C32-H42O7(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) \\ & ((CHcyclopropy)]C31-H41O5(C=0)]2 & (CH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ & (CHcyclopropy)]C31-H41O5(C=0)]2 & (CH3)C28-H38O5(C=0) \\ & (CHcyclopropy)]C32-H42O7(C=0) & ((CH3)C28-H38O5(C=0)]2 \\ & (CHcyclopropy)]C32-H42O7(C=0) & ((CH3)C28-H38O5(C=0)]2 \\ & (CHcyclopropy)]C32-H42O7(C=0) & ((CHcyclopropy)]C31-H41O5(C=0)]2 \\ & (CHcyclopropy)]C3$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(12)$	$[(CHcyclopropy)(C9-H13O10(C=0)] & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C31-H41O5(C=0) & (CHcyclopropy)(C9-H13O10(C=0) \\ [(CHcyclopropy)(C32-H42O7(C=0) & (CHcyclopropy)(C32-H42O7(C=0) \\ (CHcyclopropy)(C31-H41O5(C=0)] & (CHCyclopropy)(C32-H42O7(C=0) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)(C19-H23O3(C=0) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)(N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)(N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)(N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & [(CHcyclopropy)(C31-H41O5(C=0)]2 \\ (CHcyclopropy)(C32-H42$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(18)$	$[(CHcyclopropy)(C9-H13O10(C=0)] & (CH3)(C28-H138O5(C=0)] \\ (CHcyclopropy)(C9-H13O10(C=0) & (CH3)(C28-H38O5(C=0)) \\ (CHcyclopropy)(C31-H41O5(C=0) & (CHcyclopropy)(C9-H13O10(C=0)) \\ [(CHcyclopropy)(C32-H42O7(C=0) & (CHcyclopropy)(C32-H42O7(C=0)) \\ (CHcyclopropy)(C31-H41O5(C=0)] & (CH)(C19-H23O3(C=0)) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)(C19-H23O3(C=0)) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)(N3-H29O8(C=0)) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)(N3-H29O8(C=0)) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)(N3-H29O8(C=0)) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)(C28-H38O5(C=0)) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)(C39-H50O1(C=0)) \\ \\ [(CHcyclopropy)(C2-H7O2(C=0)]2 \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $D^{3}_{3}(16)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ $D^{3}_{3}(17)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(18)$ $R^{2}_{2}(20)$	$\label{eq:copropy} (C9-H15O10(C0)) \& (CH3)C28-H38O5(C0) \\ (CHcyclopropy) C9-H13O10(C0) \& (CH3)C28-H38O5(C0) \\ (CHcyclopropy) C31-H41O5(C0) & (CHcyclopropy) C9-H13O10(C0) \\ [(CHcyclopropy) C32-H42O7(C0) & (CHcyclopropy) C32-H42O7(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (arom) C13-H19O6(C0)]2 \\ [(CHcyclopropy) C31-H41O5(C0)] & (CH) C19-H23O3(C0) \\ [(CHcyclopropy) C31-H41O5(C0)] & (CH) N3-H29O8(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (NH) N3-H29O8(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (NH) N3-H29O8(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (NH) C13-H18O5(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (CH3) C28-H38O5(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O5(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O5(C0) \\ (CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O5(C0) \\ [(CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O5(C0) \\ [(CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O1(C0) \\ \\ [(CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O1(C0) \\ \\ [(CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O1(C0) \\ \\ \\ [(CHcyclopropy) C32-H42O7(C0) & (CH3) C38-H38O1(C0) \\ \\ \\ [(CHcyclopropy) C32-H42O1(C0) \\ \\ \\ \\ [(CHcyclopropy) C32-H42O1(C0) \\ \\ \\ \\ \\ \\ [(CHcyclopropy) C32-H42O1(C0) \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\$
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $D^{3}_{3}(16)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ $D^{3}_{3}(17)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(18)$ $R^{2}_{2}(20)$ level 2	[(CHcyclopropyl)C9-H13O10(C=0)]2 & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C31-H41O5(C=0) & (CHcyclopropyl)C9-H13O10(C=0) [(CHcyclopropyl)C32-H42O7(C=0) & (CHcyclopropyl)C32-H42O7(C=0) (CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)C19-H23O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)IN3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C32-H42O7(C=0) & [(CHcyclopropyl)C31-H41O5(C=0)]2 (CHcyclopropyl)C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) [(CHcyclopropyl)C32-H42O7(C=0) & (arom)C39-H50O1(C=0) [(CHcyclopropyl)C2-H7O2(C=0)]2 [(CHcyclopropyl)C3-H8O4(C=0)]2
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ $D^{3}_{3}(17)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(18)$ $R^{2}_{2}(20)$ level 2 $C^{1}_{2}(13)$	[(CHcyclopropyl)C9-H13O10(C=0)]2 & (NH)N3-H29O8(C=0) (CHcyclopropyl)C9-H13O10(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C31-H41O5(C=0) & (CHcyclopropyl)C9-H13O10(C=0) [(CHcyclopropyl)C32-H42O7(C=0) & (CHcyclopropyl)C32-H42O7(C=0) (CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)C19-H23O3(C=0) [(CHcyclopropyl)C31-H41O5(C=0)]2 & (CH)N3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (NH)N3-H29O8(C=0) (CHcyclopropyl)C31-H41O5(C=0)]2 & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) (CHcyclopropyl)C32-H42O7(C=0) & (CH3)C28-H38O5(C=0)]2 (CHcyclopropyl)C32-H42O7(C=0) & (arom)C39-H50O1(C=0)]2 (CHcyclopropyl)C32-H42O7(C=0) & (arom)C39-H50O1(C=0) [(CHcyclopropyl)C3-H8O4(C=0)]2 ((CHcyclopropyl)C2-H7O2(C=0)]2
$C^{2}_{2}(17)$ $R^{2}_{2}(16)$ $D^{3}_{3}(16)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $D^{3}_{3}(12)$ $R^{2}_{2}(10)$ $R^{2}_{2}(18)$ $C^{1}_{2}(15)$ $D^{3}_{3}(20)$ $D^{3}_{3}(17)$ $D^{3}_{3}(20)$ <b>BUTCIE</b> $R^{2}_{2}(18)$ $R^{2}_{2}(20)$ level 2 $C^{1}_{2}(13)$ $C^{2}_{2}(15)$	$[(CHcyclopropy)(C9-H13O10(C=0)] \& (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C9-H13O10(C=0) \& (CHcyclopropy)(C9-H13O10(C=0) \\ (CHcyclopropy)(C31-H41O5(C=0) \& (CHcyclopropy)(C9-H13O10(C=0) \\ [(CHcyclopropy)(C32-H42O7(C=0) & (CHcyclopropy)(C32-H42O7(C=0) \\ (CHcyclopropy)(C31-H41O5(C=0)] & (CHCyclopropy)(C32-H42O7(C=0) \\ [(CHcyclopropy)(C31-H41O5(C=0)] & (CH)N3-H29O8(C=0) \\ [(CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H29O8(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)C28-H38O5(C=0) \\ (CHcyclopropy)(C32-H42O7(C=0) & (CH3)C28-H38O5(C=0)] \\ (CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H3O2(C=0)] \\ ((CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H3O2(C=0) \\ ((CHcyclopropy)(C32-H42O7(C=0) & (NH)N3-H3O2(C=0) \\ ((CHcyclopropy)(C3-H8O4(C=0)] 2 \\ ((CHcyclopropy)(C2-H7O2(C=0)) & (NH)N3-H3O2(C=0) \\ ((CHcyclopropy)(C2-H7O2(C=0)) & (NH)N3-H3O2(C=0) \\ (CHcyclopropy)(C2-H7O2(C=0)) &$

$C^{2}(12)$	(CHcyclopropyl)C3-H8O4(C=0) & (NH)N3-H3O2(C=0)
$C^{2}(16)$	(CHcyclopropyl)C3-H8O4(C=O) & (NH)N3-H3O2(C=O)
$C^{2}(9)$	(CHcyclopropyl)C2-H7O2(C=O) & (CHcyclopropyl)C3-H8O4(C=O)
$C^{2}(19)$	(CHcyclopropyl)C2-H7O2(C=O) & (CHcyclopropyl)C3-H8O4(C=O)
$C^{2}(12)$	(CHcyclopropyl)C2-H7O2(C=O) & (arom)C8-H11O3(C=O)
$C^{2}(16)$	(CHcyclopropyl)C2-H7O2(C=O) & & (arom)C8-H11O3(C=O)
$C^{2}(20)$	(CHcyclopropyl)C2-H7O2(C=O) & (CH3)C16-H16O3(C=O)
$C^{2}(20)$	(CHcyclopropyl)C2-H7O2(C=O) & (CH3)C16-H16O3(C=O)
$C^{2}(13)$	(CHcyclopropyl)C3-H8O4(C=O) & (arom)C8-H11O3(C=O)
$C^{2}(17)$	(CHcyclopropyl)C3-H8O4(C=0) & (arom)C8-H11O3(C=0)
$C^{2}(17)$	$(\text{Heyeloppeople}) C_3 = H_8 \cdots O_4 (c_{-0}) * (c_{+3}) C_16 = H_16 O_3 (c_{-0})$
CATWEA	
$R^{2}_{2}(12)$	(CHevelopropul) C3-H605/(CH)2 ((CH/(crolopropul)) C20-H38010/(CH)2)
land 2	
$R_{2}^{2}(10)$	$(CH_{ch}) = 0.03 H_{ch} = 0.05 (CH_{ch}) = 0.03 (CH_{ch})$
$R_{2}(10)$	(CH, CH, CH, CH, CH, CH, CH, CH, CH, CH,
$C_{12}(17)$	(CHCyclopropy)(CS-110OS(OH) & (OH)(CS-111OS(C=0))
$C^{2}(0)$	(CHcyclopropy)/C3-110O5(OH) & (NH)/N1-112O5(OH)
$C^{2}(12)$	(CHcyclopropyl)C3-H0···O3(OH) & (NH)INI-H2···O3(OH)
$C^{3}_{4}(18)$	[(CHcyclopropyl)C3-H6O5(OH)]2 & [(NH)INI-H2O5(OH)]2
$C^{2}(14)$	(CHcyclopropyl)C3-H6O5(OH) & (NH)N2-H3O1(C=O)
$C^{2}(15)$	(CHcyclopropyl)C3-H6O5(OH) & (NH)N2-H3O1(C=O)
$R^{2}(10)$	(CHcyclopropyl)C20-H38···O10(OH) & (OH)O10-H33···O8(C=O)
$R^{2}(17)$	(CHcyclopropyl)C20-H38···O10(ОН) & (ОН)O10-H33···O8(С=О)
$C^{1_2}(6)$	(CHcyclopropyl)C20-H38···O10(OH) &(NH)N3-H34···O10(OH)
$C^{2}(12)$	(CHcyclopropyl)C20-H38···O10(OH) &(NH)N3-H34···O10(OH)
$C^{3}_{4}(18)$	[(CHcyclopropy])C20-H38O10(OH)]2 & [(NH)N3-H34O10(OH)]2
$C^{2}(14)$	(CHcyclopropyl)C20-H38O10(OH) & (NH)N4-H35O6(C=O)
$C^{2}(15)$	(CHcyclopropyl) C20-H38···O10(OH) & (NH) N4-H35···O6(C=O)
CEGVUH	
C(4)	(CHcyclopropyl)C2-H1···O1(C=O)
level 2	
$R^{1_2}(6)$	(CHcyclopropyl)C2-H1···O1(C=O) & (NH)N1-H10···O1(C=O)
$C^{2}(8)$	(CHcyclopropyl)C2-H1···O1(C=O) & (NH)N1-H10···O1(C=O)
$C^{1_2}(13)$	(CHcyclopropyl)C3-H3···O2(C=O) & (OH)O3-H11···O2(C=O)
$C^{2}(15)$	(CHcyclopropyl)C3-H3···O2(C=O) & O) & (OH)O3-H11···O2(C=O)
CEROUM	
CLRQUM	
C(8)	(CHcyclopropyl)C8-H7N1(arom)
C(8) C(7)	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1
C(8) C(7) level 2	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1
C(8) C(7) <i>level 2</i> R <sup>1</sup> <sub>2</sub> (6)	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom)
$C(8) C(7) level 2 R^{1_2}(6) C^{2_2}(14)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom)
$C(8) C(7) level 2 R^{1}_{2}(6) C^{2}_{2}(14) R^{4}_{4}(14)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) [(CHcyclopropyl)C8-H7N1(arom)]2 & (arom)C2-H3O1(C=0)
$C(8) \\ C(7) \\ level 2 \\ R^{1_2}(6) \\ C^{2_2}(14) \\ R^{4_4}(14) \\ C^{2_2}(12)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) [(CHcyclopropyl)C8-H7N1(arom)]2 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0)
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ C^{2}_{2}(16)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) [(CHcyclopropyl)C8-H7N1(arom)]2 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0)
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ R^{4}_{4}(18)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ R^{4}_{4}(18) \\ EDIWIZ$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ R^{4}_{4}(18) \\ EDIWIZ \\ C(7)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O)
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ R^{4}_{4}(18) \\ EDIWIZ \\ C(7) \\ level 2$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2
$C(8) \\ C(7) \\ level 2 \\ R^{1}_{2}(6) \\ C^{2}_{2}(14) \\ R^{4}_{4}(14) \\ C^{2}_{2}(12) \\ C^{2}_{2}(16) \\ R^{4}_{4}(18) \\ EDIWIZ \\ C(7) \\ level 2 \\ C^{2}_{2}(17) \\ C^{2}_{2}(1$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O)
$C(8) \\ C(7) \\ level 2 \\ R^{1}2(6) \\ C^{2}2(14) \\ R^{4}4(14) \\ C^{2}2(12) \\ C^{2}2(16) \\ R^{4}4(18) \\ EDIWIZ \\ C(7) \\ level 2 \\ C^{2}2(17) \\ C^{2}2(19) \\ C^{2}2(19) \\ C^{2}2(19) \\ C^{2}2(19) \\ C^{2}(19) \\ C^{2$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom)]2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ EDIWIZ C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ GENYUU	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom))2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & ([CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ EDIWIZ C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ GENYUU C(4)	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(CHcyclopropyl)C8-H7…N1(arom))2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C7-H7…O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7)	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom)) & (NH)N3-H2N1(arom) [(CHcyclopropyl)C8-H7N1(arom))2 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) (CHcyclopropyl)C7-H7O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C9-H8S1 (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom))2 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C7-H7O1(c=0) (CHcyclopropyl)C7-H7O1(c=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom)2 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C7-H7O1(c=0) (CHcyclopropyl)C7-H7O1(c=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) [(Chcyclopropyl)C8-H7…N1(arom))2 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C12-H12…O1(c=0) (CHcyclopropyl)C12-H12…O1(c=0) (CHcyclopropyl)C12-H12…O1(c=0) & (CH3)C1-H3…O2(c=0) (CHcyclopropyl)C7-H7…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) & (NH)N2-H1…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) & (NH)N2-H1…O1(c=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom)2 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom)2 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C12-H12O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (CH3)C1-H3O2(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C7-H7O1(C=O) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(C=O) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ $C^{2}_{2}(9)$	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom)2 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C12-H12O1(c=0) & (CH3)C1-H3O2(c=0) (CHcyclopropyl)C7-H7O1(c=0) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C7-H7O1(c=0) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C7-H7O1(c=0) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(c=0) (CHcyclopropyl)C8-H8N1(arom) & (NH)N2-H1O1(c=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C9-H8…S1 (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom)2 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=O) (CHcyclopropyl)C9-H8…S1 & (CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C12-H12…O1(C=O) & (CH3)C1-H3…O2(C=O) (CHcyclopropyl)C7-H7…O1(C=O) (CHcyclopropyl)C7-H7…O1(C=O) (CHcyclopropyl)C7-H7…O1(C=O) (CHcyclopropyl)C7-H7…O1(C=O) (CHcyclopropyl)C7-H7…O1(C=O) (CHcyclopropyl)C7-H7…O1(C=O) & (NH)N2-H1…O1(C=O) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=O) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=O) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=O) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b>	(CHcyclopropyl)C8-H7.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom)) & (AH)N3-H2.··N1(arom) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=O) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=O) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=O) (CHcyclopropyl)C9-H8.·S1 & (CHcyclopropyl)C8-H7.··N1(arom)]2 (CHcyclopropyl)C12-H12.·O1(C=O) & (CH3)C1-H3.··O2(C=O) (CHcyclopropyl)C12-H12.·O1(C=O) & (CH3)C1-H3.··O2(C=O) (CHcyclopropyl)C12-H12.·O1(C=O) & (CH3)C1-H3.··O2(C=O) (CHcyclopropyl)C12-H12.·O1(C=O) & (CH3)C1-H3.··O2(C=O) (CHcyclopropyl)C7-H7.·O1(C=O) & (NH)N2-H1.·O1(C=O) (CHcyclopropyl)C7-H7.·O1(C=O) & (NH)N2-H1.·O1(C=O) (CHcyclopropyl)C7-H7.·O1(C=O) & (NH)N2-H1.·O1(C=O) (CHcyclopropyl)C8-H8.··N1(arom) & (NH)N2-H1.·O1(C=O) (CHcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.·O1(C=O)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$	(CHcyclopropyl)C8-H7.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom))2 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.··S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.··S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.··S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.··S1 & (CHcyclopropyl)C8-H7.··N1(arom)]2 (CHcyclopropyl)C12-H12.··O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C12-H12.··O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C12-H12.··O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C7-H7.··O1(C=0) & (NH)N2-H1.··O1(C=0) (CHcyclopropyl)C7-H7.··O1(C=0) & (NH)N2-H1.··O1(C=0) (CHcyclopropyl)C7-H7.··O1(C=0) & (NH)N2-H1.··O1(C=0) (CHcyclopropyl)C8-H8.··N1(arom) & (NH)N2-H1.··O1(C=0) (CHcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (CHcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12)	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2	(CHcyclopropyl)C8-H7.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C8-H7.··N1(arom) & (NH)N3-H2.··N1(arom) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.·S1 & (arom)C2-H3.··O1(C=0) (CHcyclopropyl)C9-H8.·S1 & (CHcyclopropyl)C8-H7.··N1(arom)p2 (CHcyclopropyl)C12-H12.·O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C12-H12.·O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C12-H12.·O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C12-H12.·O1(C=0) & (CH3)C1-H3.··O2(C=0) (CHcyclopropyl)C2-H7.·O1(C=0) & (NH)N2-H1.··O1(C=0) (CHcyclopropyl)C7-H7.·O1(C=0) & (NH)N2-H1.··O1(C=0) (Hcyclopropyl)C7-H7.·O1(C=0) & (NH)N2-H1.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (NH)N2-H1.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (Hcyclopropyl)C8-H8.··N1(arom) & (CHcyclopropyl)C7-H7.··O1(C=0) (Hcyclopropyl)C2-H3.··O5(C=0)g ((Chcyclopropyl)C2-H3.··O5(C=0)g
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom))2 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(c=0) (CHcyclopropyl)C9-H8…S1 & ((CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(c=0) & (CH3)C1-H3…O2(c=0) (CHcyclopropyl)C12-H12…O1(c=0) & (CH3)C1-H3…O2(c=0) (CHcyclopropyl)C12-H12…O1(c=0) & (CH3)C1-H3…O2(c=0) (CHcyclopropyl)C12-H12…O1(c=0) & (CH3)C1-H3…O2(c=0) (CHcyclopropyl)C2-H7…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) & (NH)N2-H1…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) & (NH)N2-H1…O1(c=0) (CHcyclopropyl)C7-H7…O1(c=0) & (NH)N2-H1…O1(c=0) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(c=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(c=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(c=0) (CHcyclopropyl)C2-H3…O5(c=0)]2 (CHcyclopropyl)C2-H3…O5(c=0)]2 (CHcyclopropyl)C2-H4…O1(c=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{1}_{2}(16)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & ((CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C9-H8…S1 & ((CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C2-H3…O5(C=0)]2 (CHcyclopropyl)C2-H3…O5(C=0)]2 (CHcyclopropyl)C2-H4…O1(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(18)$ $R^{2}_{2}(10)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{2}_{2}(12)$ $R^{2}_{2}(12$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (cCHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C9-H8…S1 & (cCHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C2-H3…O5(C=0)]2 (CHcyclopropyl)C2-H3…O5(C=0)[2 (CHcyclopropyl)C2-H4…O1(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{1}_{2}(16)$ $C^{2}_{2}(18)$ $C^{2}_{2}(13)$	(CHcyclopropyl)C8-H7…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C8-H7…N1(arom) & (NH)N3-H2…N1(arom) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & (arom)C2-H3…O1(C=0) (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C9-H8…S1 & [(CHcyclopropyl)C8-H7…N1(arom)]2 (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C12-H12…O1(C=0) & (CH3)C1-H3…O2(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C7-H7…O1(C=0) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (NH)N2-H1…O1(C=0) (CHcyclopropyl)C8-H8…N1(arom) & (CHcyclopropyl)C7-H7…O1(C=0) (CHcyclopropyl)C2-H3…O5(C=0)]2 (CHcyclopropyl)C2-H3…O5(C=0)]2 ((CHcyclopropyl)C2-H4…O1(C=0) ((CHcyclopropyl)C2-H4…O1(C=0) ((CHcyclopropyl)C2-H4…O1(C=0)) ((CHcyclopropyl)C2-H4…O1(C=0)) ((CHcyclopropyl)C2-H3…O5(C=0) & (arom)C7-H7…O3(C=0) (CHcyclopropyl)C2-H3…O5(C=0) & (CH3)C18-H16…O5(C=0) (CHcyclopropyl)C2-H3…O5(C=0) & (CH3)C18-H16…O5(C=0) (CHcyclopropyl)C2-H3…O5(C=0) & (CH3)C18-H16…O5(C=0) (CHcyclopropyl)C2-H4…O1(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{1}_{2}(16)$ $C^{2}_{2}(13)$ <b>HULFEY</b>	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C=0) (CHcyclopropyl)C12-H12O1(C=0) (CHcyclopropyl)C12-H12O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C12-H12O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C12-H12O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (CH3)C1-H3O2(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (CH3)N2-H1O1(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (NH)N2-H1O1(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (NH)N2-H1O1(C=0) (CHcyclopropyl)C7-H7O1(C=0) & (NH)N2-H1O1(C=0) (CHcyclopropyl)C8-H8N1(arom) & (CHcyclopropyl)C7-H7O1(C=0) (CHcyclopropyl)C2-H3O5(C=0)]2 (CHcyclopropyl)C2-H3O5(C=0)]2 (CHcyclopropyl)C2-H3O5(C=0) & (arom)C7-H7O3(C=0) (CHcyclopropyl)C2-H3O5(C=0) & (CH3)C18-H16O5(C=0) (CHcyclopropyl)C2-H3O5(C=0) & (CH3)C18-H16O5(C=0) (CHcyclopropyl)C2-H3O5(C=0) & (CH3)C18-H16O5(C=0) (CHcyclopropyl)C2-H3O5(C=0) & (CH3)C18-H16O5(C=0) (CHcyclopropyl)C2-H3O5(C=0) & (CH3)C18-H16O5(C=0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{1}_{2}(16)$ $C^{2}_{2}(18)$ $C^{2}_{2}(13)$ <b>HUFEY</b> C(12)	(CHcyclopropyl)C8-H7N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C8-H7N1(arom) & (NH)N3-H2N1(arom) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C-0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C-0) (CHcyclopropyl)C9-H8S1 & (arom)C2-H3O1(C-0) (CHcyclopropyl)C12-H12O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C12-H12O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C12-H12O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (CH3)C1-H3O2(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (CH3)N2-H1O1(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (CH3)N2-H1O1(C-0) (CHcyclopropyl)C7-H7O1(C-0) & (NH)N2-H1O1(C-0) (CHcyclopropyl)C8-H8N1(arom) & (CHcyclopropyl)C7-H7O1(C-0) (CHcyclopropyl)C2-H3O5(C-0)] (CHcyclopropyl)C2-H3O5(C-0)] (CHcyclopropyl)C2-H3O5(C-0) & (arom)C7-H7O3(C-0) (CHcyclopropyl)C2-H3O5(C-0) & (arom)C7-H7O5(C-0)
C(8) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(14)$ $R^{4}_{4}(14)$ $C^{2}_{2}(12)$ $C^{2}_{2}(16)$ $R^{4}_{4}(18)$ <b>EDIWIZ</b> C(7) level 2 $C^{2}_{2}(17)$ $C^{2}_{2}(19)$ <b>GENYUU</b> C(4) C(7) level 2 $R^{1}_{2}(6)$ $C^{2}_{2}(8)$ $R^{2}_{2}(9)$ $C^{2}_{2}(11)$ <b>HILXIM</b> $R^{2}_{2}(10)$ C(12) level 2 $C^{2}_{2}(20)$ $C^{1}_{2}(16)$ $C^{2}_{2}(18)$ $C^{2}_{2}(13)$ <b>HUFEY</b> C(12) level 2	(:Hcyclopropy),C8-H7N1(arom) (:Hcyclopropy),C8-H7N1(arom) & (:NH),N3-H2N1(arom) (:Hcyclopropy),C8-H7N1(arom) & (:NH),N3-H2N1(arom) (:Hcyclopropy),C8-H7N1(arom) & (:NH),N3-H2N1(arom) (:Hcyclopropy),C8-H7N1(arom) & (:NH),N3-H2N1(arom) (:Hcyclopropy),C9-H8S1 & (arom),C2-H3O1(c-0) (:Hcyclopropy),C9-H8S1 & (arom),C2-H3O1(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),C1-H3O2(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),C1-H3O2(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),C1-H3O2(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),N2-H1O1(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),N2-H1O1(c-0) (:Hcyclopropy),C12-H12O1(c-0) & (:H3),N2-H1O1(c-0) (:Hcyclopropy),C2-H3N1(arom) & (:NH),N2-H1O1(c-0) (:Hcyclopropy),C7-H7O1(c-0) & (:NH),N2-H1O1(c-0) (:Hcyclopropy),C3-H8N1(arom) & (:H1),N2-H1O1(c-0) (:Hcyclopropy),C3-H8N1(arom) & (:H1),N2-H1O1(c-0) (:H1),H1,H1,H1,H1,H1,H1,H1,H1,H1,H1,H1,H1,H1,

$R^{2}(10)$	$(CHcyclopropyl)C12-H10\cdotsO1(C=0) \ \& \ (NH2)N1-H1\cdotsN3(arom)$
$R^{12}(6)$	(CHcyclopropyl)C12-H10O1(C=O) & (NH)N4-H3O1(C=O)
$C^{2}(11)$	(CHcyclopropyl)C12-H10O1(C=0) & (CH3)C5-H5O3(C=0)
JAWLAU	
C(4)	(CHcyclopropyl)C8-H5···O1(C=O)
level 2	
$K^{12}(6)$	(CHcyclopropyl)C8-H5OI(C=O) & (NH)NI-HIOI(c=O)
$C^{-2}(\delta)$	(CHcyclopropyI)CO-TIO···O1(C=O) & NH)IN1-TI1···O1(c=O)
$P_{2}^{2}(20)$	rou
$R^{-2}(20)$	[(CHcyclopropyl)CI3-HIU···FI]2
D(2)	(CHcyclopropy))C10-F112 <sup></sup> INO(arom)
C(3)	(CHeydopropy)/C47-1108OO(C-0-C)
D(2) $D^{2}_{2}(13)$	(CHeyelopropy)(COU-1140-115)
level 2	
$D^{2}(11)$	$(CHcyclopropyl)C50-H40\cdots E3 & (NH)N2-H1\cdotsO4(C=0)$
$D^{3}(18)$	$(CH_{CV}(ppropy))C49-H38O8(C-Q-C) & I(CH)C1-H2F6p$
$D^{2}_{2}(12)$	(CHcyclopropy))C50-H40F3 & (CH)C1-H2F6
$D^{3}(17)$	(CHcyclopropy))C15-H10F1 &((arom)C8-H4C16)2
$C^{2}(12)$	(CHcyclopropyl)C16-H12N5(arom) & (arom)C8-H4Cl6
$D^{2}(15)$	(CHcyclopropyl)C50-H40F3 & (arom)C8-H4Cl6
$D^{3}(16)$	[(CHcyclopropyl)C16-H12···N5(arom)]2 & (CHcyclopropyl)C15-H10···F1
$C^{2}(8)$	(CHcyclopropyl)C15-H10F1 & (CH)C170H14O2(C-O-C)
$C^{2}(16)$	(CHcyclopropyl)C15-H10F1 & (CH)C17-H14O2(C-O-C)
$C^{2}(11)$	(CHcyclopropyl)C15-H10F1 & (CH)C17-H14O3(C-O-C)
$C^{2}(13)$	(CHcyclopropyl)C15-H10F1 & (CH)C17-H14O3(C-O-C)
D <sup>3</sup> 3(17)	[(CHcyclopropyl)C16-H12···N5(arom)]2 & (CH)C17-H14···O2(C-0-C)
$D^{3}(20)$	[(CHcyclopropyl)C16 -H12N5(arom)]2 & (CH)C17-H14O3(C-O-C)
$D^{2}_{2}(9)$	$(CHcyclopropyl)C16 - H12 \cdots N5 (\operatorname{arom}) \& (NH)N4 - H15 \cdots O7 (C=O)$
$D^{2}_{2}(15)$	(CHcyclopropyl)C16 -H12···N5(arom) & (arom)C25-H18···Cl2
$D^{2}_{2}(6)$	(CHcyclopropyl)C16 -H12N5(arom) & (arom)C28-H19C15
$D^{2}(9)$	(CHcyclopropyl)C16 -H12IN5(arom) & (arom)C29-H2UO7(C=0)
$K^{-2}(16)$	$(CHcyclopropy)(C10 -\Pi121N3(arom) \& (NH)IN0-\Pi29O1(C=0)$
$D^{2}(11)$ $D^{2}(16)$	(CHeyelopropy) C10 - 1112 + NS(arom) & (arom) C + 2 - 152 + C13
$D^{3}(18)$	(CHcyclopropy) C10 1112 1 (c(atom) & (NH)N4-H15O7(C=0) & (NH)N4-H15O7(C=0)
$C^{2}(20)$	(NH)N4-H15···O7(C=O) & (CHcyclopropyl)C50-H40···F3
$D^{2}(9)$	(CHcyclopropyl)C50-H40F3 & (arom)C25-H18Cl2
$C^{2}(19)$	(CHcyclopropyl)C50-H40F3 & (arom)C28-H19Cl5
$D^{3}$ 3(18)	(CHcyclopropyl)C49-H38···O8(C-O-C) & [(arom)C29-H20···O7(C=0)]2
$C^{2}(17)$	(CHcyclopropyl)C50-H40F3 & (arom)C29-H20O7(C=0)
D <sup>3</sup> 3(20)	$({\rm CHcyclopropyl})C49-H38\cdots O8({\rm C-O-C}) \& [({\rm NH})N6-H29\cdots O1({\rm C=O})]2$
$D^{2}(13)$	(CHcyclopropyl)C50-H40F3 & (NH)N6-H29O1(C=0)
$C^{2}(20)$	(CHcyclopropyl)C50-H40F3 &(arom)C42-H32Cl3
$D^{3}(16)$	(CHcyclopropy))C49-H38···O8(C-O-C) & [(arom)C45-H33···CII]2
$D^{-2}(11)$	(CHcyclopropy)(C30-H40-H5) & (arom)(C43-H35-C11)
$C_{2}^{2}(11)$	$(CHeyelopropy) C47 - 1158 \cdots O6(C-0, C+2) C47 - 1158 \cdots O7(C=0)$
$D^{3}(15)$	(CHaydopropy)/C49-1150 CO(C-O) @ (CH2)C47-1150 CO(C-O)
$D^{3}(11)$	(CHcyclopropy)/C49-H38O8/(C-0-C) & [(CHcyclopropy)/C50-H40F3]2
$D^{3}(18)$	(CHcyclopropyl)C49-H38O8(C-O-C) & [(CH)C51-H42N1(arom)]2
$D^{2}(12)$	(CHcyclopropyl)C50-H40F3 & (CH)C51-H42N1(arom)
ROPQUL	
<i>C</i> (10)	(CHcyclopropyl)C3-H6···O2(C=O)
level 2	
$R^{1_2}(6)$	(CHcyclopropyl)C3-H6O2(C=O) & (NH)N1-H1O2(C=O)
$C^{2}(18)$	(CHcyclopropyl)C3-H6O2(C=O) & (NH)N1-H1O2(C=O)
$C^{2}(12)$	(CHcyclopropyl)C3-H6O2(C=O) & (arom)C12-H11O1(C=O)
$C^{2}(18)$	(CHcyclopropyl)C3-H6O2(C=O) & (arom)C12-H11O1(C=O)
$C^{2}(9)$	(CHcyclopropy) C3-H6O2(C=0) & (arom) C15-H12O1(C=0)
$C_{2}(12)$	$(CHeyelopropyl) \bigcirc -\Pi 0 \cdots \bigcirc 2(C=0) & (arom) \bigcirc 15 -\Pi 13 \cdots IN2(arom)$
	$(CHcyclopropy) C3-\Pi 0 \cdots O2(C=0) & (arom) C13-\Pi 13 \cdots 1N2(arom)$
C(6)	(CHewelonropy) C12-H15O2(C=0)
level 2	
$R^{1_2}(6)$	*(CHcyclopropyl)C12-H15O2(C=O) & (NH)N1-H1O2(C=O)
. /	*(CHcyclopropyl)C12-H15···O2(C=O) & (CH3)C10-H13···O2(C=O)
$C^{2}(10)$	(CHcyclopropyl)C12-H15···O2(C=O) & (NH)N1-H1···O2(C=O)
$C^{2}(12)$	(CHcyclopropyl)C12-H15···O2(C=O) & (CH3)C10-H13···O2(C=O)
VETKEL	
C(4)	(CHcyclopropyl)C1-H2···O1(C=O)

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C(5)	(CHcyclopropyl)C3-H5-·O1(c=0)
level 2	
$C^{2}(10)$	(CHcyclopropyl)C1-H2…O1(C=O) & (NH)N1-H1…N2(arom)
$C^{4}_{4}(20)$	[(CHcyclopropyl)C1-H2…O1(C=0)]2 & [(NH)N1-H1…N2(arom)]2
$C^{1_2}(5)$	(CHcyclopropyl)C1-H2···O1(C=O) & (CHcyclopropyl)C3-H5···O1(C=O)
$C^{2}(9)$	(CHcyclopropyl)C1-H2···O1(C=O) & (CHcyclopropyl)C3-H5···O1(C=O)
$C^{3}_{4}(14)$	[(CHcyclopropyl)C1-H2…O1(C=0)]2 & [(CHcyclopropyl)C3-H5…O1(C=0)]2
$R^{3}(14)$	[(CHcyclopropyl)C1-H2…O1(C=0)]2 & [(CHcyclopropyl)C3-H5…O1(C=0)]2
$C^{1_2}(10)$	(CHcyclopropyl)C3-H5O1(C=0) & (arom)C6-H7O1(C=0)
$C^{2}(12)$	(CHcyclopropyl)C3-H5…O1(C=0) & (arom)C6-H7…O1(C=0)
WICMIH	
C(11)	(CHcyclopropyl)C5-H3…F1
level 2	
$C^{2}(13)$	(CHcyclopropyl)C5-H3-F1 & (NH)N1-H18-O1(C=O)
$C^{2}(15)$	(CHcyclopropyl)C5-H3-F1 & (NH)N1-H18-O1(C=0)
$C^{2}(19)$	(CHcyclopropyl)C5-H3-F1 & (CH3)C15-H13-O2(C=0)
ZAMJEF	
S(12)	(CHcyclopropyl)C20-H30O2(C=0)
level 2	
$C^{2}(12)$	(CHcyclopropyl)C22-H28···O2(C=O) & (arom)C4-H2···O3(C-O-C)
ZAMJOP	
C(4)	(CHcyclopropyl)C10-H12···O2(C=O)
level 2	
$R^{1_2}(6)$	(CHcyclopropyl)C10-H12···O2(C=O) & (NH)N1-H11···O2(C=O)
$C^{2}(8)$	(CHcyclopropyl)C10-H12···O2(C=O) & (NH)N1-H11···O2(C=O)
ZUQBIY	
C(6)	(CHcyclopropyl)C20-H18…N2(arom)
level 2	
$C^{2}(18)$	(CHcyclopropyl)C20-H18···N2(arom) & (arom)C8-H4···O1(C=O)
$C^{1_2}(12)$	(CHcyclopropyl)C20-H18…N2(arom) & (arom)C9-H5…N2(arom)
R <sup>2</sup> 2(16)	(CHcyclopropyl)C20-H18…N2(arom) & (arom)C9-H5…N2(arom)

Table S7 Relative percentage contributions of main inter-contacts in 1-5, relatively to the whole HS area (contributions below 0.5 % is not included)

	1	2	3	4	5
H…H	71	47.7	48.1	66.8	56.2
$\mathbf{O} \cdots \mathbf{H} / \mathbf{H} \cdots \mathbf{O}$	27.2 (14.5/12.7)	49.7 ( <b>26.6</b> /23.1)	48.9 ( <b>26.5</b> /22.4)	25.3 ( <b>13.4</b> /11.9)	18.1 ( <b>9.5</b> /8.6)
C…H/H…C	1.6 ( <b>0.8</b> /0.8)	2.5 ( <b>1.4</b> /1.1)	2.3 ( <b>1.2</b> /1.1)	2.5 ( <b>1.3</b> /1.2)	22.5 ( <b>12.9</b> /9.6)
$N \cdots H / H \cdots N$				0.9 (0.4/0.5)	
0O				0.6	
<b>OC</b> /CO				3.3 ( <b>1.6</b> /1/7)	0.8 ( <b>0.4</b> /0.4)
C…C					1.5
$\mathbf{O} \cdots \mathbf{N} / N \cdots \mathbf{O}$				0.7 ( <b>0.3</b> /0.4)	

# Table S8 Enrichment ratios in 1-5

	1			2			3		
	Н	0	С	Н	0	С	Н	0	С
Н	71			47.7			48.1		
0	27.2			49.7			48.9		
С	1.6			2.5			2.3		
Sx	85.4	13.6	0.8	73.8	24.85	1.25	73.7	24.45	1.15
Random co	ontacts						Rando	m contacts	
Н	72.93			54.46			54.32		
0	23.23			36.68			36.04		
С	1.37			1.85			1.7		
Enrichment	ratio						Enrich	ment ratio	
Н	0.97			0.88			0.89		
0	1.17			1.35			1.36		
С	1.17			1.35			1.35		

4					5			
	Η	0	С	Ν	Н	0	С	

Н	66.8				56.2		
0	25.3	0.6	3.3	0.7	18.1		
С	2.5				22.5	0.8	1.5
Ν	0.9						
Sx	81.15	15.25	2.9	0.8	76.5	9.45	13.15
Rand	om contac	cts			Randor	n contacts	
Н	68.85				58.52		
0	24.75	2.33	0.88	0.24	14.46		
С	4.71				20.12	2.49	1.73
Ν	1.3						
Enric	hment ratio	)			Enrichr	nent ratio	
Н	1.01				0.96		
0	1.02	0.26	3.75	2.92	1.25		
С	0.53				1.12	0.32	0.87
Ν	0.69						

# Table S9 Inter-contacts energy values (kJ/mol) for $1\mathchar`-5$

	Symmetry code	R	E ele	E pol	E dis	E rep	E tot
1							
	- <i>x</i> +1/2, <i>y</i> +1/2, <i>z</i> +1/2	8.68	-6.4	-1.4	-25.1	13.8	-21.1
	- <i>x</i> +1/2, <i>y</i> +1/2, <i>z</i> +1/2	8.68	-4.9	-0.6	-28.3	20.1	-17.9
	x+1/2, -y+1/2, z	6.80	-39.8	-11.3	-28.4	46.9	-46.2
	-x, -y, z+1/2	8.26	-7.6	-3.3	-17.4	11.1	-18.7
	<i>x, y, z</i>	11.78	0.3	-0.0	-2.5	0.2	-1.7
	-x, -y, z+1/2	7.27	-6.3	-2.5	-36.3	23.4	-25.6
	x+1/2, -y+1/2, z	9.19	-2.4	-2.1	-9.3	4.3	-9.5
	Total		-67.1	-21.2	-147.3	119.8	-140.7
2							
	<i>x, y, z</i>	7.50	-82.5	-19.4	-13.6	94.1	-55.2
	<i>x, y, z</i>	8.87	2.8	-1.6	-8.7	2.0	-4.7
		8.09	-2.7	-0.5	-11.7	7.8	-8.6
	-x, -y, -z	5.57	-8.5	-7.5	-28.3	16.8	-28.8
	$-x_{r}-y_{r}-z$	10.23	-2.9	-0.1	-9.2	7.7	-6.4
	$-x_r - y_r - z$	5.34	-23.9	-5.8	-41.2	44.4	-38.1
	$-x_{r}-y_{r}-z$	8.12	-1.5	-0.4	-9.8	3.4	-8.3
	-x, -y, -z	7.67	-3.7	-1.0	-21.8	11.8	-16.4
	-x, -y, -z	6.36	-9.1	-4.5	-26.7	18.6	-24.8
	-x, -y, -z	7.39	-120.6	-26.7	-14.3	138.3	-74.3
2	Total		-252.6	-67.5	-185.3	344.9	-265.6
3	x+1/2, $-y+1/2$ , $-z$	7 98	-77	-2.8	-8.3	89	-12.0
	-x, y+1/2, -z+1/2	6.51	-0.7	-1.4	-19.3	9.5	-12.7
	X+1/2, y, -z+1/2	7.70	-6.6	-1.3	-8.8	4.1	-13.1
	-x+1/2, $y+1/2$ , z	9.38	-2.9	-0.4	-1.3	0.0	-4.5
	$-x_{-}-y_{-}-z_{-}$	5.96	-9.1	-6.7	-20.6	9.6	-26.5
	$x_{r} - \frac{y+1}{2}, \frac{z+1}{2}$	7.49	-90.2	-24.2	-17.3	113.7	-58.1
		5.09	0.00	_	0.0	0.0	-
		4.20	0.00	0.0	0.00	0.0	0.0
		5.10	-6.6	-1.3	-8.8	4.1	-13.1
		4.55	-2.9	-0.4	-1.3	0.0	-4.5
		6.50	-0.7	-1.4	-19.3	9.5	-12.7
	-x+1/2, $y+1/2$ , z	8.18	-6.1	-1.2	-17.3	11.4	-15.4
	-xvz	7.64	-7.3	-1.0	-20.4	19.9	-13.9
		6.73	-7.3	-1.0	-20.4	19.9	-13.9
	Total		-148.1	-43.1	-163.1	210.6	-175
4							
		6.49	-4.9	-2.8	-16.9	8.2	-16.9
		7.32	0.0	-	0.0	0.0	-
		7.81	0.0	-	0.00	0.0	-
		10.94	0.2	-0.0	-0.00	0.0	0.2
	-x, -y, -z	7.70	-1.5	-0.3	-10.4	4.9	-7.9
		4.92	-41.9	-9.5	-27.1	59.2	-38.4
		7.64	0.0	-0.0	0.0	0.0	-0.0
	- <i>x</i> , <i>y</i> +1/2, - <i>z</i> +1/2	7.58	-0.7	-0.3	-7.1	4.3	-4.6
		7.19	-1.5	-0.3	-10.4	4.9	-7.9
		6.23	-0.7	-0.3	-7.1	4.3	-4.6
		7.72	-0.6	-0.0	-0.1	0.0	-0.7

	7.53	-2.3	-0.2	-3.6	0.0	-5.6
	8.84	-1.5	-0.3	-10.4	4.9	-7.9
Total		-55.4	-14	-93.1	90.7	-94.3
5						
	7.98	-7.7	-1.8	-40.9	21.8	-31.7
x, y, z	5.05	-48.3	-12.4	-76.1	75.2	-80.1
-x, y, -z	14.29	-0.5	-0.7	-3.9	0.0	-4.4
	8.82	-3.7	-1.4	-37.6	20.0	-25.3
	10.77	5.1	-1.1	-8.9	1.2	-2.4
	12.63	-5.2	-0.7	-20.6	0.0	-23.9
	12.19	7.8	-0.7	-20.8	0.0	-10.5
-x+1/2, $y+1/2$ , $-z+1/2$	11.90	-2.0	-0.2	-8.4	4.7	-6.7
	8.17	-1.7	-1.5	-30.7	15.0	-20.3
	8.84	-7.4	-1.6	-40.9	31.2	-25.3
-x, y, -z	13.37	-4.5	-1.1	-20.1	0.0	-23.0
	11.43	-118.6	-27.5	-14.0	136.4	-73.7
Total		-186.7	-50.7	-322.9	305.5	-327.3
≀ – distance [Å] between molecu	lar centroids (mea	n atomic position)				

Scale factors for *Etot*'  $k_{ele} = 1.057$ ,  $k_{pol} = 0.740$ ,  $k_{disp} = 0.871$ ,  $k_{rep} = 0.618^*$ 

\* C.F. MacKenzie, P.R. Spackman, D. Jayatilaka, M.A. Spackman. IUCrJ 2017, 4(5), 575-587.

Table S10 Relevant	bond angles (in degree	es) of the optimized st	ructures under study (se	e Scheme S1 for atom notation)
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Bond	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6-C7-C5	60.0	59.7	60.3	59.8	59.9
C6-C5-C7	60.0	60.0	60.0	60.0	60.1
C7-C6-C5	60.0	60.3	59.8	60.2	60.0
C6-C5-C4	-	119.2	120.2	119.4	119.1
C7-C5-C4	-	119.9	119.1	120.3	118.2
C5-C4-C3	-	112.8	112.9	113.2	112.7
H6-C6-H6	114.3	114.5	114.6	114.4	114.4
H7-C7-H7	114.3	114.7	114.5	114.5	114.5
H6-C6-C7	118.0(2×)	117.5	118.6	117.5	118.3
		118.4	117.1	118.4	117.7
H6-C6-C5	118.0(2×)	1172	118.4	117.2	118.5
		118.6	117.6	118.6	117.5
H7-C7-C6	118.0(2×)	117.0	118.4	117.2	117.7
		118.6	117.5	118.4	118.4
H7-C7-C5	118.0(2×)	117.5	118.5	117.8	117.2
		118.5	117.2	118.5	118.6
H5-C5-C4	-	115.1	115.1	114.7	115.6
H5-C5-C6	118.0(2×)	115.8	115.8	115.9	116.4
H5-C5-C7	118.0(2×)	115.7	115.7	115.8	116.1
H4-C4-H4	-	106.7	106.7	107.1	106.5
H4-C4-C3	-	106.8	108.8	108.9	109.2
		108.5	106.4	106.6	107.7
H4-C4-C5	-	111.5	110.4	109.9	111.0
		110.3	111.4	110.9	109.5

Table S11 Relevant natural charges in the systems under study (see Scheme S1 for atom notation)

Atom	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6	-0.404	-0.387	-0.406	-0.390	-0.392
C7	-0.404	-0.407	-0.387	-0.405	-0.399
C5	-0.404	-0.243	-0.245	-0.246	-0.239
C4	-	-0.387	-0.393	-0.382	-0.377
C3	-	-0.024	-0.033	-0.113	-0.111
H6	0.202(2×)	0.206	0.211	0.204	0.209
		0.208	0.204	0.209	0.204
H7	0.202(2×)	0.201	0.209	0.203	0.206
		0.210	0.206	0.210	0.211
H5	0.202(2×)	0.214	0.214	0.214	0.213
H4	-	0.235	0.228	0.210	0.198
		0.228	0.241	0.229	0.222

Table S12 Relevant Wiberg bond indices in the systems under study (see Scheme S1 for atom notation)

Bond	C3H6	1	2	4	5
C6-C5	1.002	0.984	0.980	0.984	.983
C7-C5	1.002	0.980	0.983	0.981	.982
C6-C7	1.002	0.991	0.992	0.991	.993
C5-C4	-	1.012	1.013	1.013	.012
C4-C3	-	0.966	0.964	0.975	.987
C6-H6	0.934(2×)	0.932(2×)	0.931	0.933	.932
			0.933	0.932	.933
C7-H7	0.934(2×)	0.933	0.932(2×)	0.933	.932
		0.931		0.931	.931
C5-H5	0.934(2×)	0.909	0.909	0.922	.911
C4-H4	-	0.904	0.912	1.013	.920
		0.912	0.900	0.922	.917

Table S13 Natural hybrid orbital deviations from line of cyclopropyl nuclear centers in the systems under study (see Scheme S1 for atom notation)

Bond	Atom	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6-C5	C6	23.5	23.0	23.7	23.1	23.4
	C5	23.5	22.7	24.0	22.6	22.1
C7-C5	C7	23.5	23.7	23.0	23.8	23.5
	C5	23.5	23.8	22.6	23.9	22.7
C6-C7	C6	23.5	23.2	23.2	23.3	23.3
	C7	23.5	23.3	23.2	23.3	23.4

Table S14 Bond bending at cyclopropyl nuclear centers in the systems under study (see Scheme S1 for atom notation)

Atom	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6	107.0	106.5	106.7	106.6	106.7
C7	107.0	106.7	106.5	106.9	106.8
C5	107.0	107.1	106.6	106.5	104.9

Table S15 Relevant QTAIM charges in the systems under study (see Scheme S1 for atom notation)

Atom	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6	0.00	-0.01	-0.02	-0.01	-0.01
C7	0.00	-0.02	-0.01	-0.02	-0.01
C5	0.00	-0.01	-0.01	-0.00	0.00
C4	-	0.06	0.03	0.06	0.06
C3	-	0.35	0.34	0.07	0.38
H6	0.03(2×)	0.03(2×)	0.03	0.03(2×)	0.03(2×)
			0.02 <sup>a)</sup>		
H7	0.03(2×)	0.01 <sup>a)</sup>	0.03(2×)	0.02	0.03
		0.03		0.03	0.04
H5	0.03(2×)	0.02	0.02	0.02	0.02
H4	-	0.05	0.04	0.02	0.00
		0.04	0.06	0.04	0.03

<sup>a)</sup>additional bond path to oxygen (see Figs. S15-16)

Table S16 Relevant atomic volumes (in Bohr<sup>3</sup>) in the systems under study (see Scheme S1 for atom notation)

Atom	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6	74.7	73.6	72.6	73.7	73.9
C7	74.7	72.3	73.6	73.2	73.5
C5	74.7	58.3	58.7	59.1	59.9
C4	-	53.2	53.4	55.3	55.0
C3	-	37.6	37.5	43.8	43.2
H6	49.5(2×)	49.4(2×)	49.3	49.7	49.3

			48.3 <sup>a)</sup>	49.3	49.4
H7	49.5(2×)	48.4 <sup>a)</sup>	49.1	49.0	49.4
		49.6	49.3	49.3	49.1
H5	49.5(2×)	48.5	48.3	48.4	48.6
H4	-	45.5	44.6	47.6	50.9
		44.2	44.1	46.3	46.5

<sup>a)</sup>additional bond path to oxygen (see Figs. S15-16)

Table S17 BCP electron density (in e/Bohr<sup>3</sup>) of relevant bonds in the systems under study (see Scheme S1 for atom notation)

Bond	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6-C5	0.2376	0.2401	0.2359	0.2400	0.2391
C7-C5	0.2376	0.2360	0.2399	0.2362	0.2386
C6-C7	0.2376	0.2364	0.2368	0.2364	0.2364
C5-C4	-	0.2525	0.2524	0.2523	0.2522
C4-C3	-	0.2397	0.2387	0.2387	0.2431
C6-H6	0.2749(2×)	0.2739	0.2748	0.2736	0.2751
		0.2750	0.2736	0.2750	0.2738
C7-H7	0.2749(2×)	0.2730	0.2751	0.2734	0.2732
		0.2745	0.2739	0.2749	0.2752
C5-H5	0.2749(2×)	0.2746	0.2749	0.2748	0.2752
C4-H4	-	0.2725	0.2726	0.2703	0.2675
		0.2727	0.2733	0.2728	0.2717

Table S18 BCP Laplacian of electron density (in e/Bohr<sup>5</sup>) of relevant bonds in the systems under study (see Scheme S1 for atom notation)

Bond	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6-C5	-0.4057	-0.4207	-0.3942	-0.4196	-0.4129
C7-C5	-0.4057	-0.3948	-0.4193	-0.3962	-0.4099
C6-C7	-0.4057	-0.4000	-0.4026	-0.4001	-0.3988
C5-C4	-	-0.5924	-0.5914	-0.5910	-0.5906
C4-C3	-	-0.5288	-0.5288	-0.5280	-0.5528
C6-H6	-0.8944(2×)	-0.8880	-0.8936	-0.8858	-0.8956
		-0.8946	-0.8862	-0.8948	-0.9096
C7-H7	-0.8944(2×)	-0.8840	-0.8953	-0.8849	-0.8838
		-0.8916	-0.8880	-0.8941	-0.8960
C5-H5	-0.8944(2×)	-0.8918	-0.8938	-0.8931	-0.8964
C4-H4	-	-0.8856	-0.8867	-0.8732	-0.8550
		-0.8878	-0.9048	-0.8871	-0.8815

Table S19 BCP ellipticity of relevant bonds in the systems under study (see Scheme S1 for atom notation)

Bond	C <sub>3</sub> H <sub>6</sub>	1	2	4	5
C6-C5	0.5283	0.4975	0.5551	0.4994	0.5228
C7-C5	0.5283	0.5522	0.5013	0.5484	0.5237
C6-C7	0.5283	0.5294	0.5232	0.5278	0.5314
C5-C4	-	0.0231	0.0251	0.0245	0.0178
C4-C3	-	0.0285	0.0327	0.0294	0.0751
C6-H6	0.0277(2×)	0.0280	0.0279	0.0287	0.0268
		0.0269	0.0298	0.0275	0.0280
C7-H7	0.0277(2×)	0.0306	0.0268	0.0295	0.0282
		0.0286	0.0279	0.0279	0.0271
C5-H5	0.0277(2×)	0.0339	0.0348	0.0339	0.0355
C4-H4	-	0.0126(2×)	0.0143	0.0130	0.0145
			0.0129	0.0119	0.0092

Table S20 Angles between carbon atoms and BCPs of cyclopropyl ring bonds in the systems under study (see Scheme S1 for atom notation)

Angle	C <sub>3</sub> H <sub>6</sub>	1	2	4	5

C5-C6-BCPc6/c5	9.3	9.6	9.5	9.6	9.4
C6-C5-BCPc6/c5	9.3	9.7	9.4	9.7	9.8
C5-C7-BCPc7/C5	9.3	9.6	9.6	9.5	9.6
C7-C5-BCPc7/C5	9.3	9.4	9.8	9.4	9.7
C7-C6-BCPc6/C7	9.3	9.0	9.2	9.1	9.1
C6-C7-BCPc6/C7	9.3	9.2	9.1	9.1	9.1
BCPc6/c7-C6-	78.6	78.9	78.5	78.9	78.5
BCPc6/c5					
BCPc6/c7-C7-	78.6	78.5	79.0	78.5	78.6
BCPc7/C5					
BCPc6/c5-C5-	78.6	79.1	79.2	79.1	79.6
BCPc7/c5					

# Table S21 ADMET profiles for 1-5

	1	2	3	4	5
Physicochemical properties					
Mol. weight [g/mol]	271.31	215.20	233.22	171.19	363.49
Num. heavy atoms	19	15	16	12	26
Num. arom. heavy atoms	0	0	0	0	0
Fraction Csp3	0.77	0.67	0.67	0.75	0.90
Num. rotatable bonds	10	6	6	5	8
Num. H-bond acceptors	5	5	6	3	4
Num. H-bonds donors	1	3	4	2	2
Molar refractivity	68.10	49.85	52.89	43.23	100.85
TPSA [Å <sup>2</sup> ]	81.70	103.70	112.93	66.40	75.63
Lipophilicity					
Log Po/w (iLOGP)	2.82	0.56	0.80	1.42	2.76
Log Po/w (XLOGP3)	1.61	0.23	-0.25	0.64	5.99
Log Po/w (WLOGP)	0.72	-0.23	-0.30	0.31	4.15
Log Po/w (MLOGP)	0.67	-0.47	-1.27	0.13	3.52
Log Po/w (SILICOS-IT)	1.60	-0.29	-0.29	0.45	2.77
Consensus Log Po/w	1.48	-0.04	-0.26	0.59	3.84
Water solubility					
Log S (ESOL)	-1.88	-0.92	-0.73	-0.97	-5.34
solubility	3.61e+00 mg/ml; 1.33e-02 mol/l	2.57e+01; 1.19e-01	4.32e+01; 1.85e-01	1.82e+01; 1.06e-01	1.66e-03; 4.58e-06
class	Very soluble	Very soluble	Very soluble	Very soluble	Moderately soluble
Log S (Ali)	-2.94	-1.97	-1.66	-1.61	-7.36
solubility	3.13e-01 mg/ml; 1.15e-03 mol/l	2.32e+00; 1.08e-02	5.06e+00; 2.17e-02	4.20e+00; 2.46e-02	1.60e-05; 4.41e-08
class	soluble	Very soluble	Very soluble	Very soluble	Poorly soluble
Log S (SILICOS-IT)	-2.28	-0.08	-0.08	-0.69	-2.86
solubility	1.41e+00 mg/ml; 5.20e-03 mol/l	1.81e+02; 8.39e-01	1.96e+02; 8.39e-01	3.50e+01; 2.05e-01	5.05e-01; 1.39e-03
class	soluble	soluble	soluble	soluble	soluble
Pharmacokinetics					
GI absorption	high	high	high	high	High
BBB permeant	No	No	No	No	Yes
P-gp substrate	No	No	No	No	No
CYP1A2 inhibitor	No	No	No	No	No
CYP2C19 inhibitor	No	No	No	No	No
CYP2C9 inhibitor	No	No	No	No	Yes
CYP2D6 inhibitor	No	No	No	No	No
CYP3A4 inhibitor	No	No	No	No	Yes
Log <i>K</i> p (skin permeability)	-6.81	-7.45	-7.90	-6.89	-4.26
[cm/s] Druglikeness					
Lipinski	-	Yes, 0 violation	Yes, 0 violation	Yes, 0 violation	Yes, 0 violation
Ghose	-	Yes	Yes	Yes	Yes
Veber	-	Yes	Yes	Yes	Yes
Egan	-	Yes	Yes	Yes	Yes
Muegge	-	yes	yes	No, 1 violation:	No, 1 violation:
				MW<200	XLOGP3>5
<b>Bioavailability score</b>	-	0.56	0.56	0.85	0.56
Medicinal chemistry					
PAINS	0 alert	0 alert	0 alert	0 alert	0 alert

Brenk	2 alerts: beta-keto- anhydride, more than 2 esters	1 alert: beta-keto- anhydride	1 alert: beta-keto- anhydride	0 alert	0 alert
Leadlikeness	No, 1 violation: rotors>7	No, 1 violation: MW<250	No, 1 violation: MW<250	No, 1 violation: MW<250	No, 3 violations: MW>350, rotors>7, XLOGP3>3.5
Synthetic accessibillity	2.35	1.60	1.70	1.83	4.71

# Synthesis of 1-5

Chemicals and solvents for the synthesis were obtained from the Sigma-Aldrich, FLUKA, IRIS and Chem-Impex. Based on the literature and our experience we have chosen the following strategy for the synthesis of **5**: - C-alkylation of diethyl acetamidomalonate with cyclopropylmethyl bromide yielding **1**, synthesis of racemic **4** in one pot three-step conversion of aminomalonate (base hydrolysis of the diester, careful neutralization/acidification and decarboxylation of **2** (**3**), enzymatic hydrolysis of the acetyl group by acylase yielding mixture of H- $\beta$ -cyclopropyl-(*S*)-Ala-OH and Ac- $\beta$ -cyclopropyl-(*R*)-Ala-OH, separation of enantiometrically pure free (S)-amino acid from **3** not hydrolyzed by the enzyme, contaminated with a few per cent of racemic mixture **4**, introduction of N-protecting Fmoc group yielding final product **5**. The first step required cyclopropylmethyl bromide, which was unavailable – thus we synthesized this reagent via treatment of cyclopropylmethanol by phosphorus tribromide. The next three steps were performed with good yield, but decarboxylation required careful control of pH of the refluxing reaction solution, as cyclopropyl ring is not stable at pH 1 or below at 100 °C.

In order to the synthesis of **1**, to the solution of 118.7 g (0.546 mole) of 2-acetylaminomalonic acid diethyl ester in 400 mL anhydrous DMF, equimolar amount of NaH (60% suspension in oil) was added in a several portions at a T < 30 °C (ice/water bath). When an evolution of a hydrogen gas ceased, cyclopropylmethyl bromide containing some diethyl ether (88.7g, 0.547 mole, 5:1 w/w, NMR). The reaction mixture was stirred overnight under argon, then the reaction was quenched by a few mL of glacial acetic acid. After dilution DMF with 5% of water (v/v) resulting mixture was extracted hexanes (2x50mL) to remove remaining oil from NaH suspension and then diluted with water to ~ 1.75 L and left overnight at rt. The first crop (colorless crystals) was collected on a funnel and washed twice with water. Crude wet yield 108g (72.5%) with purity 99%, MH+ 273.4 (HPLC-MS). The mother liquor was diluted with more water and left for growing crystals for X-ray analysis.

In order to obtain compound **4**, wet intermediate product **1** was suspended in 600 mL water and 44 g (1.1. mole, 2.77 eq.) sodium hydroxide in granules was added. The mixture was heated to reflux for 4 hours. HPLC analysis was performed from small acidified sample of reaction solution taken for, showing conversion approximately 90 %. Next portion of NaOH (5g, 0.125 mole) was then added and reaction solution was refluxed for 1 hour more. After cooling down reaction mixture was acidified to pH 1.2 with 6N HCl in water (200 mL). The solution of **2** was refluxed for 2 hours, then evolution of  $CO_2$  ceased. HPLC analysis of a sample taken from reaction mixture had shown ~ 95 % decarboxylation product **4**, but pH of reaction solution raised to 2.5. After acidification back to pH 1.2 with small portion of aqueous concentrated hydrochloric acid, reflux was prolonged for 1 hour. Repeated HPLC analysis of a sample taken from solution had shown more than 99.5 % product **4**. Warm solution was treated with charcoal (1-2 g), heated to reflux for 5' and after cooling down to ~ 60 °C was filtered through cellite, then left overnight for o/n on large Petri dish for crystallization. Colorless crystals of 4 were collected, washed with small amount of cold water and dried on air. Colorless crystals 35.64 g, purity > 99 % (HPLC). Mother liquor was concentrated to half of volume and poured again on Petri dish for slow evaporation to obtain the second crop of product. After filtration, washing with small amount of water and drying yield was 23.84 g (>99% purity by HPLC). Total yield of intermediate product **4** was 59.48 g (0.348 mole, 93.8 %), for the first and second crop m.p. 118-200 °C and 117-119 °C, respectively.

For the synthesis of **3**, enzymatic hydrolysis of the acetyl group **4** by acylase (water, pH 7.5, 37 °C) yield a mixture of H-*b*-cyclopropyl-(*S*)-Ala-OH and Ac-*b*-cyclopropyl-(*R*)-Ala-OH. Acetyl-(*R*) enantiomer was separated from free (*S*)enantiomer by crystallization from partially concentrated reaction solution (water) after acidification to pH ~ 0.5. Free (*S*) amino acid was crystallized from water after adjusting pH to ~ 6 and slow evaporation. Starting from 59.48 g (0.348 mole) of racemate **4**, acetyl-(*R*) enantiomer, 20.21 g (118.1 milimole, 68%, m.p. 120-122° C), and free (*S*)-enantiomer, 14.69 g, 113.7 milimole, 65.5%, m.p. 260-270° C (decomposition). Finally, Fmoc-*b*-cyclopropyl-(*S*)-Ala-OH **5** was synthesized from H-*b*-cyclopropyl-(*S*)-Ala-OH by standard method using Fmoc-OSu (0.95 equivalent) in waterdioxane solution in the presence of 3 equivalents of KHCO<sub>3</sub>. On the scale of 6.900 g (53.4 milimole) compound **5** was obtained in 94.6% yield (16.85g, 50.7 milimole, m.p. 140-142° C.

# Pharmacokinetic measurements

The pKa and log Poct/w measurements\* for 5 were performed on the Pion SiriusT3 system (Pion Inc. Ltd., Forest Row, UK) using the potentiometric procedure and the spectrometric technique.141-143 All the obtained data were processed using the Pion software SiriusT3 v.2.0.0. The acidity constants, pKa values, were determined by titration of the fully dissolved drug using the spectroscopic (UV-metric) and the logD values by potentiometric (pH-metric) technique. UV-metric titrations were performed for UV-active ionisable groups between pH 2 and 12 at concentration 2 mM of compound 5 obtained by adding 5 µL of 10 mM stock solution to 25 µL of Neutral Linear Buffer (which contains a mixture of acids and bases to be able to obtain a buffered solution between pH 2-12) into a 5 mL vial containing 1.5 mL of the media). Spectrometric pKa values were obtained from UV absorption measurements as a pH function applying the Target Factor Analysis methodology following the the Lambert-Beer Law.143 Potentiometric pKa values were derived from titration curves by applying charge and mass balance equations and the pKa value that provides the best fit of the calculated titration data to the measured ones is taken as the final pKa value. The pKa value corresponds to the average pKa from a minimum of three individual results. Partition values, log Poct/w, were obtained by potentiometric titrations as described for the aqueous pKa determination but in the presence of a partition solvent (octanol) performed between pH 2.0 and 12.0 at concentrations of the 0.65 to 1.35 mM weighing sample powder into a glass vial. The log Poct/w was calculated by the difference between the aqueous pKa and the apparent poKa (pKa measured in the presence of a partition solvent) at several phase ratios (octanol:water) 1:1, 1:0.3 and 1:0.01 depending on the expected partition value. All measurements were taken at 25°C, under an inert gas atmosphere of argon, and at least three titrations were made for each compound.141-144

\*A. Avdeef, Anal. Chim. Acta, 1983, **148**, 237–244; A. Avdeef, J. Comer, J. Pharm. Sci., 1993, **82**, 183–190; K. Y. Tam, K. Takacs-Novak, Anal. Chim. Acta, 2001, **434**, 157–167; A. Avdeef, J. Comer, S. J. Thomson, Anal. Chem., 1993, **65**, 42–49.

# **Molecular Docking Preparation**

Molecular docking studies to establish favorable ligand binding geometries for 2, namely 2-(cyclopropylmethyl)-2acetamidopropanedioic acid, were carried out on a four CPUs-based desktop PC computer equipped with AMD Phenom<sup>™</sup> II X4 965 Processor 3.40 GHz and 32 GB of RAM on a Microsoft Windows 10 Professional 64-bit operating system using AutoDock Vina vs. 1.1.2 program for Windows (http://autodock.scripps.edu/) [Trrot, 2010]. The respective ligand molecule 2 in non-ionizable form was prepared with ChemAxon MarvinSketch vs. 14.9.1.0 (http://www.chemaxon.com/marvin/) using a general "Cleaning in 3D" option to assign with proper 3D orientation and then calculating conformers with MMFF94 force field parameters and saved as .pdb files. To obtain the minimum-energy conformation of ligands for docking studies, the initial geometries of the afore-pretreated ligands were additionally optimized in Avogadro vs. 1.2.0. (http://avogadro.cc/), after adding all the hydrogens to the structure and saved as .mol2 files. The same procedure as above was performed toward metribolone (R1881) and 2methyl-N-[4-nitro-3-(trifluoromethyl)phenyl]propanamide (flutamide). The energy of the ligand molecules was minimized using the built-in feature of Avogadro, including General Amber Force Field (GAFF) [Wang, 2004] with Steepest Descent Algorithm (100 steps). The minimum conformation energies obtained for each ligand were as follows: *E*<sub>calc.2</sub> = -136.679 kJ/mol, *E*<sub>calc.(metribolone)</sub> = -264.109 kJ/mol, and *E*<sub>calc.(flutamide)</sub> = -86.1747 kJ/mol. The visualization of the optimized geometries was performed using molecular visualization software, POV-Ray for Windows v3.7.0. msvc10.win64 licensed under the GNU Affero General Public License (AGPL3) (see Figure A1). Next, the Gasteiger partial charges were calculated with AutoDock Tools vs. 1.5.6 (ADT, S3 http://mgltools.scripps.edu/),1 while all torsion angles for each ligand molecule were considered flexible. All the possible rotatable bonds [7 out of 32 for 2-(cyclopropylmethyl)-2-acetamidopropanedioic acid 2, 1 out of 32 for metribolone, and 4 out of 32 for flutamide] and non-polar hydrogen atoms were also determined using AutoDock Tools 1.5.6 package. Next, the final ligands' files were saved as PDBQT files (.pdbqt format) and further used in docking. The crystallographic structure of the human androgen receptor (hAR, PDB code: 1E3G)'ii was downloaded from Brookhaven RCSB Protein Data Bank (PDB database, http://www.rcsb.org/pdb/). To avoid steric clashes within the protein model, the crude target protein was prepared as .pdb file using UCSF Chimera vs. 1.11.2 package (http://www.cgl.ucsf.edu/chimera/)iii by removing all nonstandard molecules, including conserved crystal water molecules (HOH), and small non-protein ligand

[metribolone (R1881)]. Next, the polar hydrogen atoms were added, and Gasteiger charges were calculated with AutoDock Tools 1.5.6 package using its standard utility scripts. Then the final protein file was saved as a .pdbqt file. Next, a searching "grid box" was set by using AutoGrid function to perform docking in a ( $60 \times 60 \times 60$  Å)-unit grid box (final size space dimensions x = 60 Å, y = 60 Å, z = 60 Å), centered on the catalytic cavity as target coordinate (center\_x = 0.802; center\_y = 29.745; center\_z = 3.780) with a grid spacing of 0.375 Å and exhaustiveness-value reaching 48.



**Figure A1.** The geometries of (**A**) **2**-(cyclopropylmethyl)-2-acetamidopropanedioic acid, (**B**) metribolone, and (**C**) flutamide optimized in Avogadro – Version 1.2.0. The figures were prepared by rendering them using molecular visualization software, POV-Ray – Version 3.7.0. Nitrogen atoms are presented with blue color, oxygen atoms with red color, fluorine atoms with light blue color, whereas hydrogen atoms are expressed as light-grey balls.

#### Molecular Docking Procedure and Validation

The molecular docking protocol was validated by re-docking of the co-crystallized metribolone (R1881) into a human androgen receptor (hAR; PDB access code: 1E3G). The docked complexes were superimposed on the original crystal structure showing that the accommodation of the docked ligand in the binding pocket is identical to that present in a co-crystallized small molecule ligand. The overlaps between the docked pose of R1881 in hAR and the X-ray structure for the hAR-R1881 complex are shown in Figure A2. Docking was performed into a rigid protein and using advanced protein flexibility options after specifying flexible side chains. Each docking was performed with an exhaustiveness level of 48 concerning global search. In turn, for each ligand molecule, 100 independent runs were performed using the Lamarckian Genetic Algorithm (GA) with at most 106 energy evaluations and a maximum number of generations of >27,000 Å<sup>3</sup> (the search space volume). The rest of the docking parameters, including the remaining Lamarckian GA parameters, were set as default using the standard values for genetic Vina algorithms (the posed dockings were below 5.00 Å rmsd). The docking modes of each ligand that is: 2-(cyclopropylmethyl)-2-acetamidopropanedioic acid  $2_r$ metribolone (R1881), and flutamide were clustered and ranked based on a mutual ligand-protein affinity expressed as absolute free binding energies [ $\Delta G_{calc}$  (kcal/mol)] as well as the rmsd-values in both modes regarding rmsd lower bound (l.b.) and rmsd upper bound (u.b.), respectively. The rmsd were computed referring to the input structure submitted to docking simulations. For hAR the used random seed amounted to: (i) +1243584512 for 2-(cyclopropylmethyl)-2-acetamidopropanedioic acid 2, (ii) -948142568 for metribolone (R1881), and (iii) -806635708 flutamide, respectively. The best nine binding poses (modes) were selected according to AutoDock Vina scoring functions mainly based on binding energies and showed mutual ligand-protein affinity (kcal/mol). Each binding mode was manually inspected to select only those conformations of the ligand molecule, which were accommodated in the hAR catalytic cavity in the highest possible proximity to the substrate-binding site according to the crystal structure of hAR co-crystallized with metribolone (R1881) deposited as PDB: 1E3G. The results of docking scoring of the respective ligands to hAR are collected in Table A1. The results generated by AutoDock Vina include optimized binding poses of all ligands in hypothetical complexes with the h-AR as well as critical polar contacts between the respective atoms of those ligands and the receptor molecule (h-AR, PDB code: 1E3G). The docking scoring was using the PyMOL Molecular Graphics System software vs. 1.3 (Schrödinger, LLC; visualized https://www.pymol.org/). Additional data, including the most important amino acid residues of hAR (PDB: 1E3G) involved in a hydrogen bonding to the respective ligands, and the results of the measurements of their distances given in Ångströms (Å) are depicted in Figure A3. In addition, visualization of the protein-ligand interactions was analyzed using freeware for academia BIOVIA Discovery Studio Visualizer vs. 20.1.0.19295 software (Dassault Systèmes Biovia Corp.; <u>https://www.3ds.com</u>) (Figures A4–A8).



**Figure A2.** (**A**) X-ray structure for the complex of human androgen receptor and metribolone (R1881) (hAR, PDB ID: 1E3G), (**B**) binding mode of R1881 to hAR using standard docking protocol, (**C**) the overlaps between the docked pose of R1881 in hAR and hAR-R1881 complex deposited as 1E3G. The overall receptor structure (target protein) is shown as a cartoon diagram, whereas the ligand molecules are shown as stick representations. The carbon atoms are presented with a magenta color (in the case of R1881 ligand co-crystallized with hAR) or green color (in the case of R1881 ligand docked to hAR). The oxygen atoms are presented with red color, whereas polar hydrogen atoms with white color. The rest of the hydrogens were omitted for clarity.



**Figure A3.** Predominant conformations of (A) 2-(cyclopropylmethyl)-2-acetamidopropanedioic acid (2, gray sticks), (B) metribolone (R1881, green sticks), and (C) flutamide (yellow sticks) docked in human androgen receptor (hAR, PDB ID: 1E3G). The overall enzyme structure is shown as a cartoon diagram (see A–C). The most significant amino acid residues contributing to the stabilization of the ligand molecules are shown with stick representation. Nitrogen atoms are presented with blue color, the oxygen atoms with red color, fluorine atoms with light blue color, and the polar hydrogen atoms with white color. The formation of potential intermolecular hydrogen bonds is represented by magenta (in the case of 2) or yellow (in the case of R1881 and flutamide) dashed lines.



**Figure A4.** The protein-ligand interactions between hAR (PDB ID: 1E3G) and the top-scoring pose of 2-(cyclopropylmethyl)-2acetamidopropanedioic acid **2**. (**A**) Receptor-ligand interactions in the 3D binding pocket; ligand with interacting amino acid residues is shown as sticks and lines representations, respectively. (**B**) The receptor-ligand interactions on a 2D diagram; ligand molecule is shown as a stick representation, while interacting amino acid residues are shown as circular stamps.



**Figure A5.** The protein-ligand interactions between hAR (PDB ID: 1E3G) and the top-scoring pose of metribolone (R1881). (**A**) Receptor-ligand interactions in the 3D binding pocket; ligand with interacting amino acid residues is shown as sticks and lines representations, respectively. (**B**) The receptor-ligand interactions on a 2D diagram; ligand molecule is shown as stick representation, while interacting amino acid residues are shown as circular stamps.



**Figure A6.** The protein-ligand interactions between hAR (PDB ID: 1E3G) and the top-scoring pose of flutamide. (**A**) Receptor-ligand interactions in the 3D binding pocket; ligand with interacting amino acid residues is shown as sticks and lines representations, respectively. (**B**) The receptor-ligand interactions on a 2D diagram; ligand molecule is shown as a stick representation, while interacting amino acid residues are shown as circular stamps.



**Figure A7.** The protein-ligand interactions between hAR (PDB ID: 1E3G) and the top-scoring pose of 2-(cyclopropylmethyl)-2- acetamidopropanedioic acid 2 displaying receptor surfaces depending on their (**A**) aromaticity, (**B**) H-bonding, (**C**) charge, (**D**) hydrophobicity, (**E**) ionizability, and (**F**) SAS, respectively.

# Docking scoring of the respective ligands complexed with human androgen receptor (hAR, PDB access code: 1E3G).

Entry	Ligand	Pose <sup>[a]</sup>	Affinity (kcal/mol) <sup>[b]</sup>	Distance from best mode <sup>[c]</sup>	
				rmsd l.b.	rmsd u.b.
1		S1	-5.9	0.000	0.000
2		S2	-5.9	1.473	4.207
3		S3	-5.8	2.449	4.304
4		S4	-5.8	2.614	4.519
5		S5	-5.7	1.638	2.422
6		S6	-5.7	1.968	3.779
7		S7	-5.7	1.616	2.816
8		S8	-5.6	1.821	3.663
9		S9	-5.4	3.243	4.828
10	O Metribolone (R1881)	S1	-8.0	0.000	0.000
11		S2	-7.6	11.157	15.008
12		S3	-7.6	12.160	15.826
13		S4	-7.3	12.999	14.525
14		S5	-7.1	13.589	18.242
15		S6	-6.9	23.680	26.648
16		S7	-6.8	22.897	25.366
17		S8	-6.6	15.928	19.329
18		S9	-6.6	12.487	14.374
19	$ \begin{array}{c}                                     $	S1	-7.9	0.000	0.000
20		S2	-7.6	2.992	6.408
21		S3	-7.5	3.396	6.568
22		S4	-7.4	3.678	6.776
23		S5	-7.1	2.273	3.083
24		S6	-7.0	11.887	13.533
25		S7	-6.8	10.697	12.577
26		S8	-6.8	11.193	13.057
27		S9	-6.7	12.603	14.891

Table A1. Docking results of 2-(cyclopropylmethyl)-2-acetamidopropanedioic acid 2, metribolone (R1881), and flutamide to human androgen receptor (hAR) (PDB: 1E3G).

<sup>[a]</sup> The pose S1 represents the lowest value of  $\Delta G_{calc}$  (kcal/mol), which means that ligand-binding affinity to receptor (hAR site) is the highest, and in contrary, the S9 mode represent the lowest ligand-binding affinity.

<sup>[b]</sup> Average ΔG<sub>calc</sub> (kcal/mol) for the respective ligand is as follows: -5.72 (in the case of 2), -7.17 (in the case of R1881), and -7.20 (in the case of flutamide).

<sup>[c]</sup> The values <2.000 rmsd represent the closest distance between the ligand and the receptor (hAR) binding site.

\*Trott and A. J. Olson, J. Comput. Chem., 2010, **31**, 455–461. \* Wang, R. M. Wolf, J. W. Caldwell, P. A. Kollman and D. A. Case, J. Comput. Chem., 2004, **25**, 1157–1174.