

Molecular Origami of Ti(MeCN)3Cl3meridional

given information

ElementNames	[(Ti) (Cl) (Cl) (Cl) (N) (N) (N)]	
distance	215.907	Ti ¹ -N ¹
distance	216.537	Ti ¹ -N ²
distance	223.231	Ti ¹ -N ³
distance	232.327	Ti ¹ -Cl ²
distance	233.220	Ti ¹ -Cl ¹
distance	236.216	Ti ¹ -Cl ³
angle	85.372	N ³ -Ti ¹ -Cl ¹
	309.6	N ³ -Cl ¹
angle	86.817	N ³ -Ti ¹ -Cl ²
	313.1	N ³ -Cl ²
angle	87.236	N ³ -Ti ¹ -N ²
	303.4	N ³ -N ²
angle	88.092	N ² -Ti ¹ -Cl ²
	312.3	N ² -Cl ²
angle	88.627	N ³ -Ti ¹ -N ¹
	306.8	N ³ -N ¹
angle	89.611	N ² -Ti ¹ -Cl ¹
	317.2	N ² -Cl ¹
angle	89.913	N ¹ -Ti ¹ -Cl ²
	316.9	N ¹ -Cl ²
angle	90.906	N ¹ -Ti ¹ -Cl ³
	322.5	N ¹ -Cl ³
angle	91.820	N ¹ -Ti ¹ -Cl ¹
	322.8	N ¹ -Cl ¹
angle	93.268	N ² -Ti ¹ -Cl ³
	329.4	N ² -Cl ³
angle	93.429	Cl ³ -Ti ¹ -Cl ¹
	341.7	Cl ³ -Cl ¹
angle	94.398	Cl ³ -Ti ¹ -Cl ²
	343.8	Cl ³ -Cl ²
angle	171.955	Cl ² -Ti ¹ -Cl ¹
	464.4	Cl ² -Cl ¹
angle	175.500	N ² -Ti ¹ -N ¹
	432.1	N ² -N ¹
angle	178.698	N ³ -Ti ¹ -Cl ³
	459.4	N ³ -Cl ³
dopage	T	
AutoAlign	F	

structure type: XABCDEF

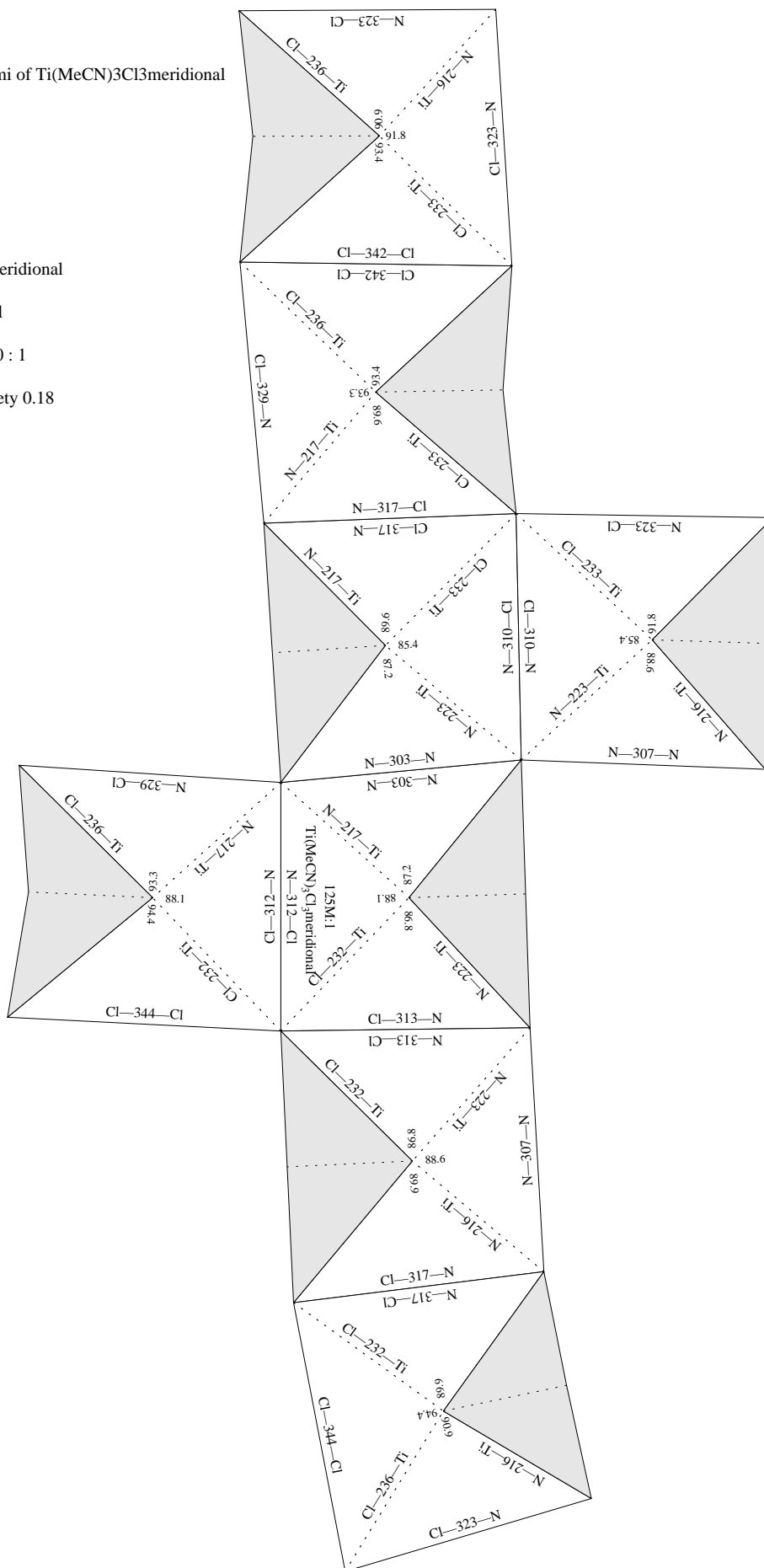
Molecular Origami of $\text{Ti}(\text{MeCN})_3\text{Cl}_3$ meridional

!Ti1
Cl1
Cl2
Cl3
N1
N2
N3
 $\text{Ti}(\text{MeCN})_3\text{Cl}_3$ meridional

special octahedral

scale 125,000,000 : 1
units: pm
offsetx 0.01 offsety 0.18

View -1



Current: (centerx 4.31) (centery 5.18) (scale 125)

%%BoundingBox: 122 63 482 778

actual: 132 73 472 768

center: 302 421

actual size: 341 695

Better: (centerx 4.37) (centery 4.84) (scale 125)

%%BoundingBox: 126 51 487 767

actual: 136 61 477 757

center: 307 409

actual size: 341 695