

Molecular Origami of SbPhCl4²⁻-
given information

ElementNames	[(Sb) (C) (Cl) (Cl) (Cl) (Cl)]	
distance	215.200	Sb ¹ -C ¹
distance	253.538	Sb ¹ -Cl ³
distance	259.160	Sb ¹ -Cl ²
distance	270.154	Sb ¹ -Cl ¹
distance	276.829	Sb ¹ -Cl ⁴
angle	84.744	Cl ⁴ -Sb ¹ -C ¹
	334.7	Cl ⁴ -C ¹
angle	85.442	Cl ¹ -Sb ¹ -C ¹
	331.7	Cl ¹ -C ¹
angle	87.016	Cl ³ -Sb ¹ -Cl ¹
	360.7	Cl ³ -Cl ¹
angle	87.174	Cl ⁴ -Sb ¹ -Cl ²
	369.8	Cl ⁴ -Cl ²
angle	89.568	Cl ³ -Sb ¹ -Cl ²
	361.2	Cl ³ -Cl ²
angle	89.726	Cl ³ -Sb ¹ -C ¹
	331.8	Cl ³ -C ¹
angle	89.907	Cl ² -Sb ¹ -C ¹
	336.6	Cl ² -C ¹
angle	95.766	Cl ⁴ -Sb ¹ -Cl ¹
	405.8	Cl ⁴ -Cl ¹
angle	173.583	Cl ⁴ -Sb ¹ -Cl ³
	529.5	Cl ⁴ -Cl ³
angle	174.240	Cl ² -Sb ¹ -Cl ¹
	528.6	Cl ² -Cl ¹
dopage	T	
AutoAlign	F	

structure type: XABCDE

Molecular Origami of SbPhCl²

!Sb1

C1

Cl1

Cl2

Cl3

Cl4

SbPhCl²

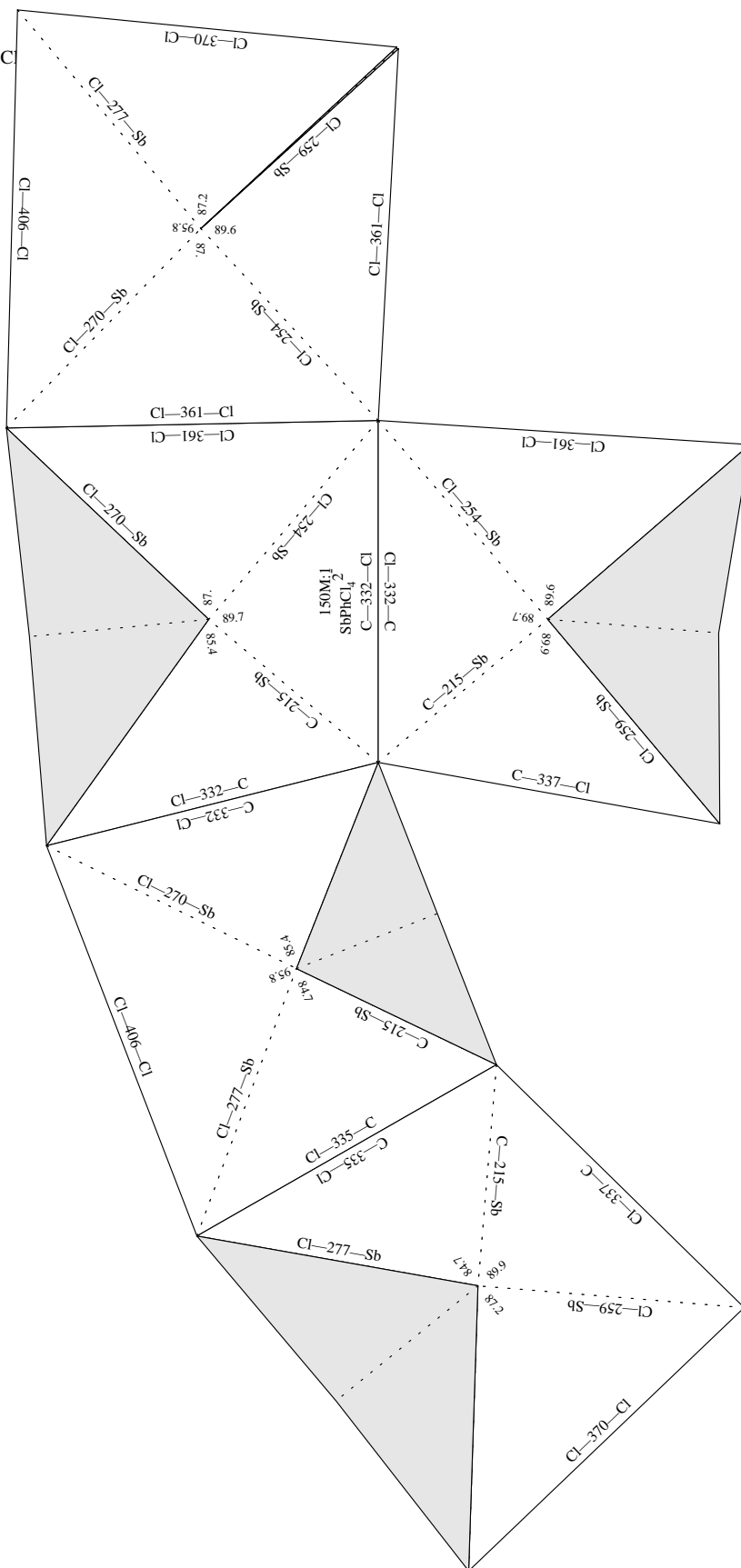
special square pyramidal

scale 150,000,000 : 1

units: pm

offsetx -0.87 offsety 2.05

View -1



Current: (centerx 3.43) (centery 7.05) (scale 150)

%%BoundingBox: 154 105 480 769

actual: 164 115 470 759

center: 317 437

actual size: 307 644

Better: (centerx 3.28) (centery 6.48) (scale 150)

%%BoundingBox: 80 212 407 876

actual: 90 222 397 866

center: 243 544

actual size: 307 644