

Molecular Origami of V(CO)6

given information

ElementNames	[(V) (C) (C) (C) (C) (C) (C)]	
distance	199.287	V ¹ -C ¹
distance	199.477	V ¹ -C ²
distance	200.346	V ¹ -C ⁵
distance	200.353	V ¹ -C ³
distance	200.581	V ¹ -C ⁶
distance	200.588	V ¹ -C ⁴
angle	88.686	C ⁵ -V ¹ -C ³
	280.1	C ⁵ -C ³
angle	89.648	C ⁴ -V ¹ -C ²
	282.	C ⁴ -C ²
angle	89.652	C ⁶ -V ¹ -C ²
	282.	C ⁶ -C ²
angle	89.923	C ³ -V ¹ -C ²
	282.5	C ³ -C ²
angle	89.927	C ⁵ -V ¹ -C ²
	282.5	C ⁵ -C ²
angle	90.000	C ⁶ -V ¹ -C ⁴
	283.7	C ⁶ -C ⁴
angle	90.006	C ⁶ -V ¹ -C ¹
	282.8	C ⁶ -C ¹
angle	90.006	C ⁴ -V ¹ -C ¹
	282.8	C ⁴ -C ¹
angle	90.423	C ³ -V ¹ -C ¹
	283.6	C ³ -C ¹
angle	90.423	C ⁵ -V ¹ -C ¹
	283.6	C ⁵ -C ¹
angle	90.653	C ⁴ -V ¹ -C ³
	285.1	C ⁴ -C ³
angle	90.657	C ⁶ -V ¹ -C ⁵
	285.1	C ⁶ -C ⁵
angle	179.215	C ⁵ -V ¹ -C ⁴
	400.9	C ⁵ -C ⁴
angle	179.219	C ⁶ -V ¹ -C ³
	400.9	C ⁶ -C ³
angle	179.513	C ² -V ¹ -C ¹
	398.8	C ² -C ¹
dopage	T	
AutoAlign	F	

structure type: XABCDEF

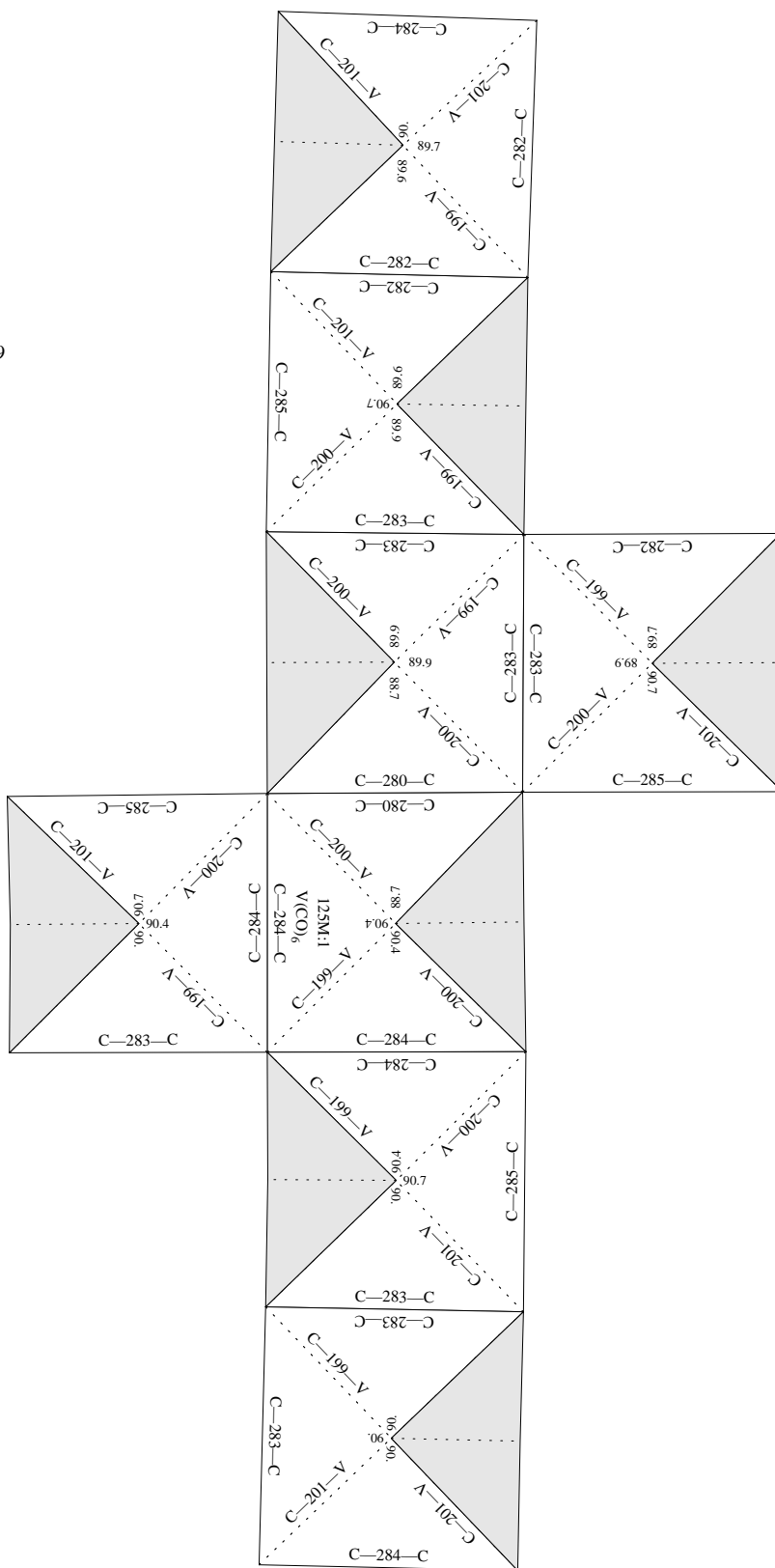
Molecular Origami of V(CO)₆

!V1
C1
C2
C3
C4
C5
C6
V(CO)₆

special octahedral

scale 125,000,000 : 1
units: pm
offsetx -0.04 offsety 0.19

View -1



Current: (centerx 4.26) (centery 5.19) (scale 125)

%%BoundingBox: 146 112 467 738 actual: 156 122 457 728

Better: (centerx 4.25) (centery 4.78) (scale 125)

%%BoundingBox: 142 97 464 722 actual: 152 107 454 712

center: 306 425

actual size: 301 606

center: 303 410

actual size: 301 606