

Molecular Origami of Re(CO)6⁺

given information

ElementNames	[(Re) (C) (C) (C) (C) (C) (C)]	
distance	188.198	Re ¹ -C ⁴
distance	198.033	Re ¹ -C ⁶
distance	198.033	Re ¹ -C ¹
distance	201.764	Re ¹ -C ³
distance	202.056	Re ¹ -C ²
distance	206.355	Re ¹ -C ⁵
angle	85.078	C ³ -Re ¹ -C ²
	273.	C ³ -C ²
angle	87.695	C ⁶ -Re ¹ -C ⁴
	267.7	C ⁶ -C ⁴
angle	87.695	C ⁴ -Re ¹ -C ¹
	267.7	C ⁴ -C ¹
angle	88.435	C ⁶ -Re ¹ -C ⁵
	282.1	C ⁶ -C ⁵
angle	88.435	C ⁵ -Re ¹ -C ¹
	282.1	C ⁵ -C ¹
angle	88.687	C ⁵ -Re ¹ -C ²
	285.5	C ⁵ -C ²
angle	91.692	C ⁴ -Re ¹ -C ³
	279.9	C ⁴ -C ³
angle	91.821	C ⁶ -Re ¹ -C ³
	287.2	C ⁶ -C ³
angle	91.821	C ³ -Re ¹ -C ¹
	287.2	C ³ -C ¹
angle	92.401	C ⁶ -Re ¹ -C ²
	288.8	C ⁶ -C ²
angle	92.401	C ² -Re ¹ -C ¹
	288.8	C ² -C ¹
angle	94.544	C ⁵ -Re ¹ -C ⁴
	290.1	C ⁵ -C ⁴
angle	173.765	C ⁵ -Re ¹ -C ³
	407.5	C ⁵ -C ³
angle	174.206	C ⁶ -Re ¹ -C ¹
	395.6	C ⁶ -C ¹
angle	176.769	C ⁴ -Re ¹ -C ²
	390.1	C ⁴ -C ²
dopage	T	
AutoAlign	F	

structure type: XABCDEF

!Re1
C1
C2
C3
C4
C5
C6
Re(CO)6^+

```
scale 125,000,000 : 1
units: pm
offsetx 0.03 offsety 1.58
```

actual size: 296 606

actual size: 296 606