

Molecular Origami of Mn(CO)5⁻
given information

| | | |
|--------------|------------------------------|---|
| ElementNames | [(Mn) (C) (C) (C) (C) (C)] | |
| distance | 175.344 | Mn ¹ -C ⁵ |
| distance | 175.344 | Mn ¹ -C ⁴ |
| distance | 177.182 | Mn ¹ -C ² |
| distance | 178.132 | Mn ¹ -C ³ |
| distance | 180.268 | Mn ¹ -C ¹ |
| angle | 88.017 | C ³ -Mn ¹ -C ² |
| | 246.9 | C ³ -C ² |
| angle | 88.033 | C ⁵ -Mn ¹ -C ³ |
| | 245.6 | C ⁵ -C ³ |
| angle | 88.033 | C ⁴ -Mn ¹ -C ³ |
| | 245.6 | C ⁴ -C ³ |
| angle | 91.394 | C ⁵ -Mn ¹ -C ¹ |
| | 254.5 | C ⁵ -C ¹ |
| angle | 91.394 | C ⁴ -Mn ¹ -C ¹ |
| | 254.5 | C ⁴ -C ¹ |
| angle | 93.046 | C ² -Mn ¹ -C ¹ |
| | 259.4 | C ² -C ¹ |
| angle | 114.644 | C ⁵ -Mn ¹ -C ⁴ |
| | 295.2 | C ⁵ -C ⁴ |
| angle | 122.501 | C ⁵ -Mn ¹ -C ² |
| | 309.1 | C ⁵ -C ² |
| angle | 122.501 | C ⁴ -Mn ¹ -C ² |
| | 309.1 | C ⁴ -C ² |
| angle | 178.936 | C ³ -Mn ¹ -C ¹ |
| | 358.4 | C ³ -C ¹ |
| dopage | T | |
| AutoAlign | F | |

structure type: XABCDE

Molecular Origami of $\text{Mn}(\text{CO})_5^-$

!Mn1

C1

C2

C3

C4

C5

$\text{Mn}(\text{CO})_5^-$

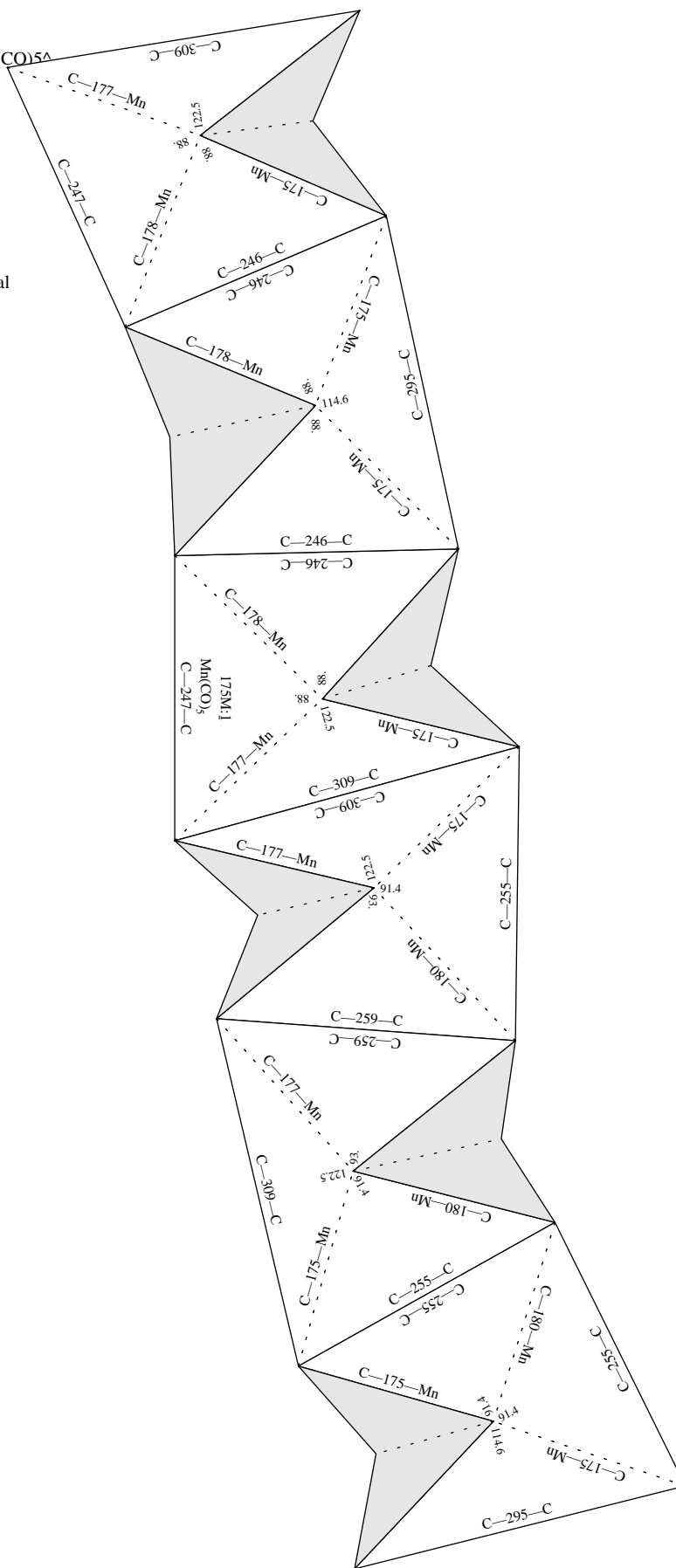
special trigonal bipyramidal

scale 175,000,000 : 1

units: pm

offsetx -0.19 offsety 1.45

View -1



Current: (centerx 4.11) (centery 6.45) (scale 175)

%%BoundingBox: 151 81 462 770

actual: 161 91 452 760

center: 306 425

actual size: 291 669

Better: (centerx 4.11) (centery 6.04) (scale 175)

%%BoundingBox: 137 156 448 845

actual: 147 166 438 835

center: 292 500

actual size: 291 669