

Molecular Origami of Fe(CO)5

given information

ElementNames	[(Fe) (C) (C) (C) (C) (C)]	
distance	175.500	Fe ¹ -C ³
distance	180.483	Fe ¹ -C ¹
distance	180.486	Fe ¹ -C ⁴
distance	180.529	Fe ¹ -C ²
distance	180.534	Fe ¹ -C ⁵
angle	89.654	C ⁴ -Fe ¹ -C ³
	251.	C ⁴ -C ³
angle	89.654	C ³ -Fe ¹ -C ¹
	251.	C ³ -C ¹
angle	89.959	C ⁵ -Fe ¹ -C ⁴
	255.2	C ⁵ -C ⁴
angle	89.966	C ² -Fe ¹ -C ¹
	255.2	C ² -C ¹
angle	90.397	C ⁴ -Fe ¹ -C ²
	256.2	C ⁴ -C ²
angle	90.398	C ⁵ -Fe ¹ -C ¹
	256.2	C ⁵ -C ¹
angle	117.296	C ⁵ -Fe ¹ -C ²
	308.3	C ⁵ -C ²
angle	121.352	C ⁵ -Fe ¹ -C ³
	310.4	C ⁵ -C ³
angle	121.353	C ³ -Fe ¹ -C ²
	310.4	C ³ -C ²
angle	179.308	C ⁴ -Fe ¹ -C ¹
	361.	C ⁴ -C ¹
dopage	T	
AutoAlign	F	

structure type: XABCDE

Molecular Origami of Fe(CO)₅

!Fe1
C1
C2
C3
C4
C5
Fe(CO)₅

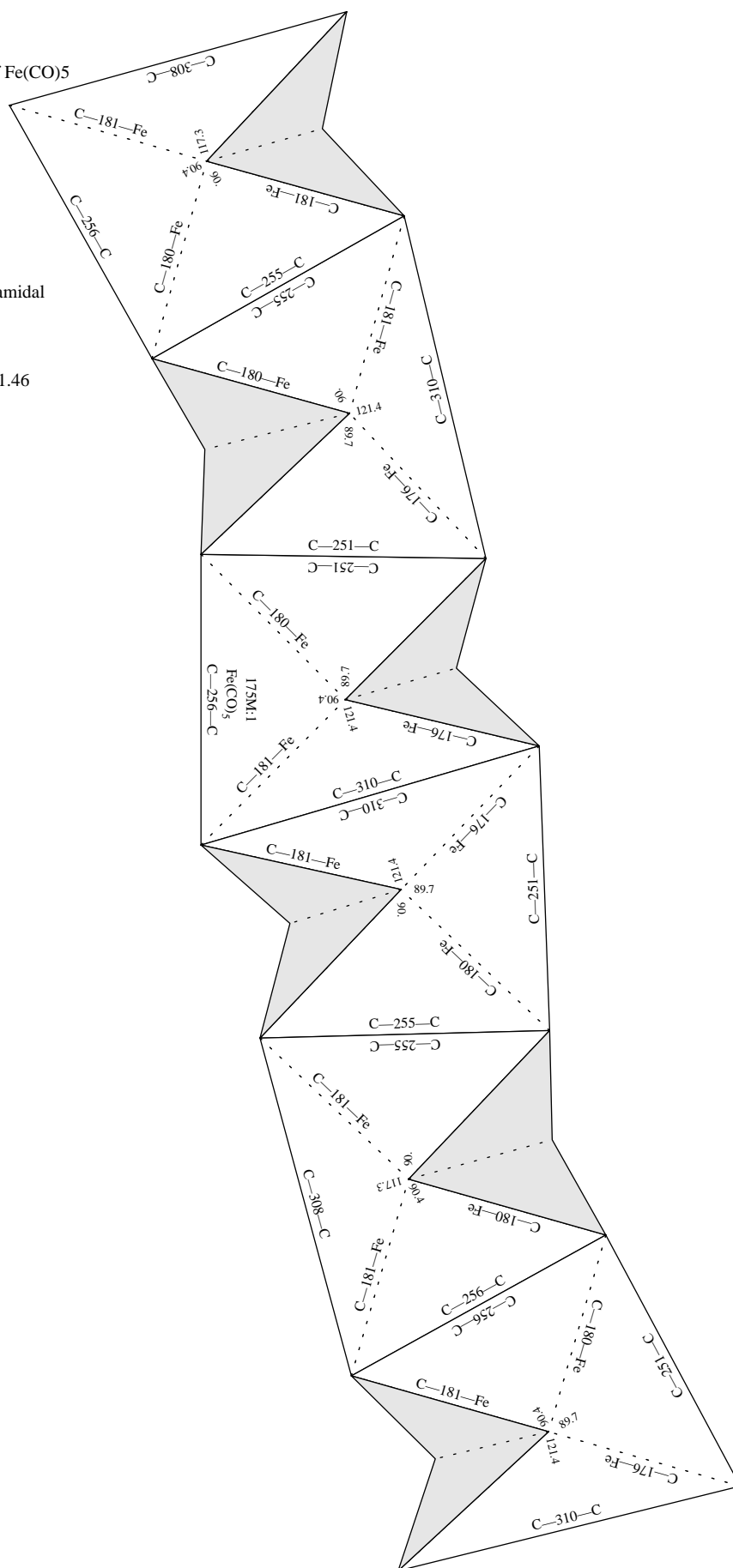
special trigonal bipyramidal

scale 175,000,000 : 1

units: pm

offsetx -0.23 offsey 1.46

View -1



Current: (centerx 4.07) (centery 6.46) (scale 175)

%%BoundingBox: 136 74 476 776

actual: 146 84 466 766

center: 306 425

actual size: 319 682

Better: (centerx 4.07) (centery 6.06) (scale 175)

%%BoundingBox: 120 150 459 852

actual: 130 160 449 842

center: 289 501

actual size: 319 682