

Molecular Origami of Heme (1) Fe

given information

ElementNames	[(Fe) (N) (N) (N) (N) (N) (S)]	
distance	196.373	Fe ¹ -N ¹
distance	199.504	Fe ¹ -N ²
distance	202.760	Fe ¹ -N ⁴
distance	203.327	Fe ¹ -N ³
distance	203.723	Fe ¹ -N ⁸
distance	235.092	Fe ¹ -S ¹
angle	85.725	N ⁸ -Fe ¹ -N ³
	276.9	N ⁸ -N ³
angle	86.073	N ⁸ -Fe ¹ -N ²
	275.2	N ⁸ -N ²
angle	88.060	N ⁴ -Fe ¹ -N ³
	282.2	N ⁴ -N ³
angle	88.104	S ¹ -Fe ¹ -N ⁴
	305.3	S ¹ -N ⁴
angle	88.703	S ¹ -Fe ¹ -N ¹
	302.9	S ¹ -N ¹
angle	89.926	N ³ -Fe ¹ -N ²
	284.7	N ³ -N ²
angle	90.187	N ⁸ -Fe ¹ -N ⁴
	287.9	N ⁸ -N ⁴
angle	90.498	N ⁴ -Fe ¹ -N ¹
	283.5	N ⁴ -N ¹
angle	91.262	N ⁸ -Fe ¹ -N ¹
	286.1	N ⁸ -N ¹
angle	91.320	N ² -Fe ¹ -N ¹
	283.1	N ² -N ¹
angle	94.265	S ¹ -Fe ¹ -N ³
	322.1	S ¹ -N ³
angle	95.637	S ¹ -Fe ¹ -N ²
	322.9	S ¹ -N ²
angle	175.876	N ⁴ -Fe ¹ -N ²
	402.	N ⁴ -N ²
angle	176.654	N ³ -Fe ¹ -N ¹
	399.5	N ³ -N ¹
angle	178.290	S ¹ -Fe ¹ -N ⁸
	438.8	S ¹ -N ⁸
dopage	T	
AutoAlign	F	

structure type: XABCDEF

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!Fe1

N1

N2

N3

N4

N8

S1

Heme (1) Fe

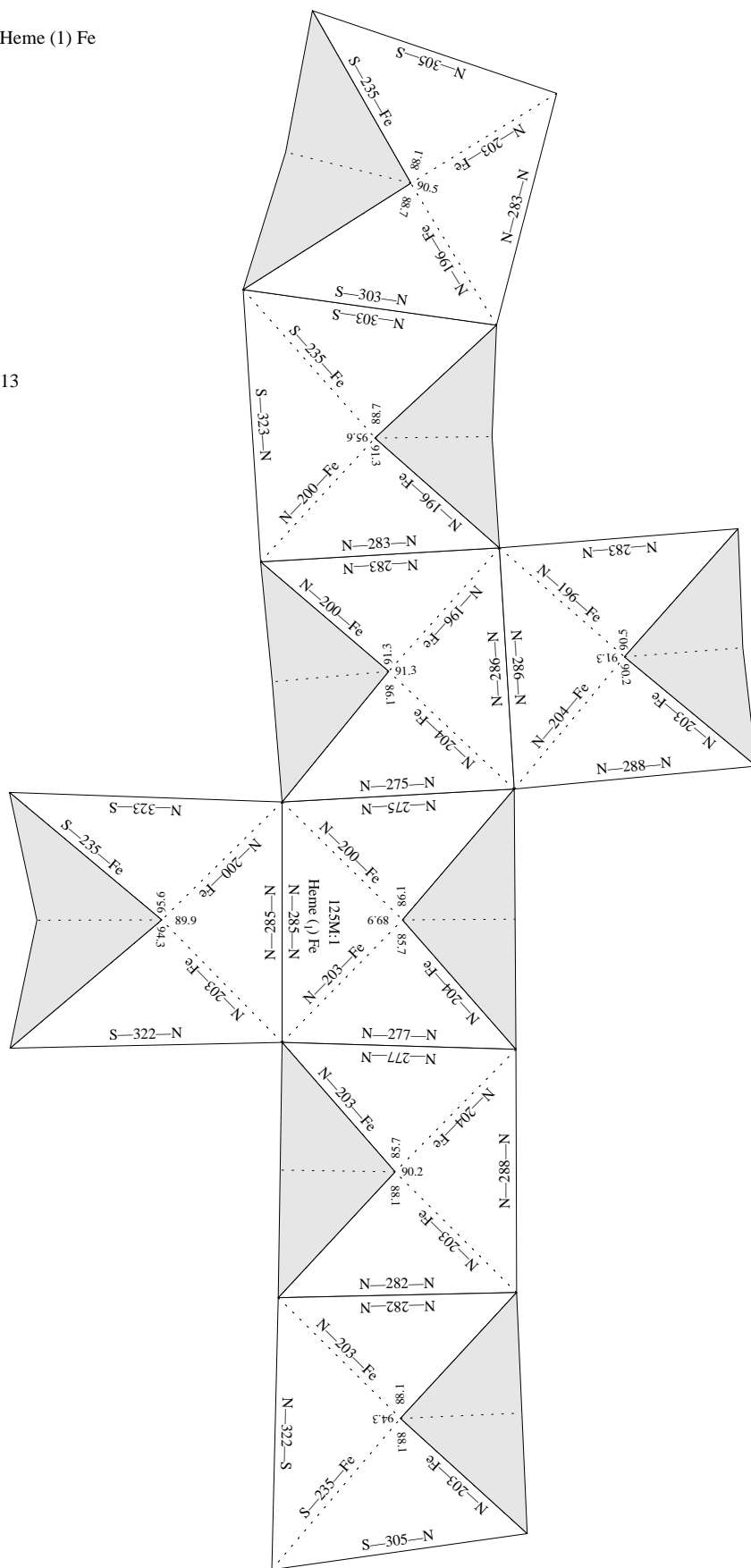
special octahedral

scale 125,000,000 : 1

units: pm

offsetx 0.05 offsety 0.13

View -1



Current: (centerx 4.35) (centery 5.13) (scale 125)

%%BoundingBox: 138 87 472 761

actual: 148 97 462 751

center: 305 424

actual size: 313 654

Better: (centerx 4.36) (centery 4.74) (scale 125)

%%BoundingBox: 143 68 476 742

actual: 153 78 466 732

center: 310 405

actual size: 313 654