

Molecular Origami of PPh3F2

given information

ElementNames	[(P) (C) (C) (C) (F) (F)]	
distance	166.349	P ¹ -F ²
distance	166.349	P ¹ -F ¹
distance	182.310	P ¹ -C ⁷
distance	182.505	P ¹ -C ¹¹
distance	182.507	P ¹ -C ¹
angle	89.139	F ² -P ¹ -C ⁷
	244.9	F ² -C ⁷
angle	89.139	F ¹ -P ¹ -C ⁷
	244.9	F ¹ -C ⁷
angle	90.250	F ¹ -P ¹ -C ¹¹
	247.5	F ¹ -C ¹¹
angle	90.253	F ² -P ¹ -C ¹
	247.5	F ² -C ¹
angle	90.614	F ¹ -P ¹ -C ¹
	248.3	F ¹ -C ¹
angle	90.617	F ² -P ¹ -C ¹¹
	248.3	F ² -C ¹¹
angle	119.588	C ¹¹ -P ¹ -C ¹
	315.5	C ¹¹ -C ¹
angle	120.206	C ⁷ -P ¹ -C ¹
	316.3	C ⁷ -C ¹
angle	120.206	C ⁷ -P ¹ -C ¹¹
	316.3	C ⁷ -C ¹¹
angle	178.278	F ² -P ¹ -F ¹
	332.7	F ² -F ¹
dopage	T	
AutoAlign	F	

structure type: XABCDE

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!P1
C1
C11
C7
F1
F2
PPh3F2

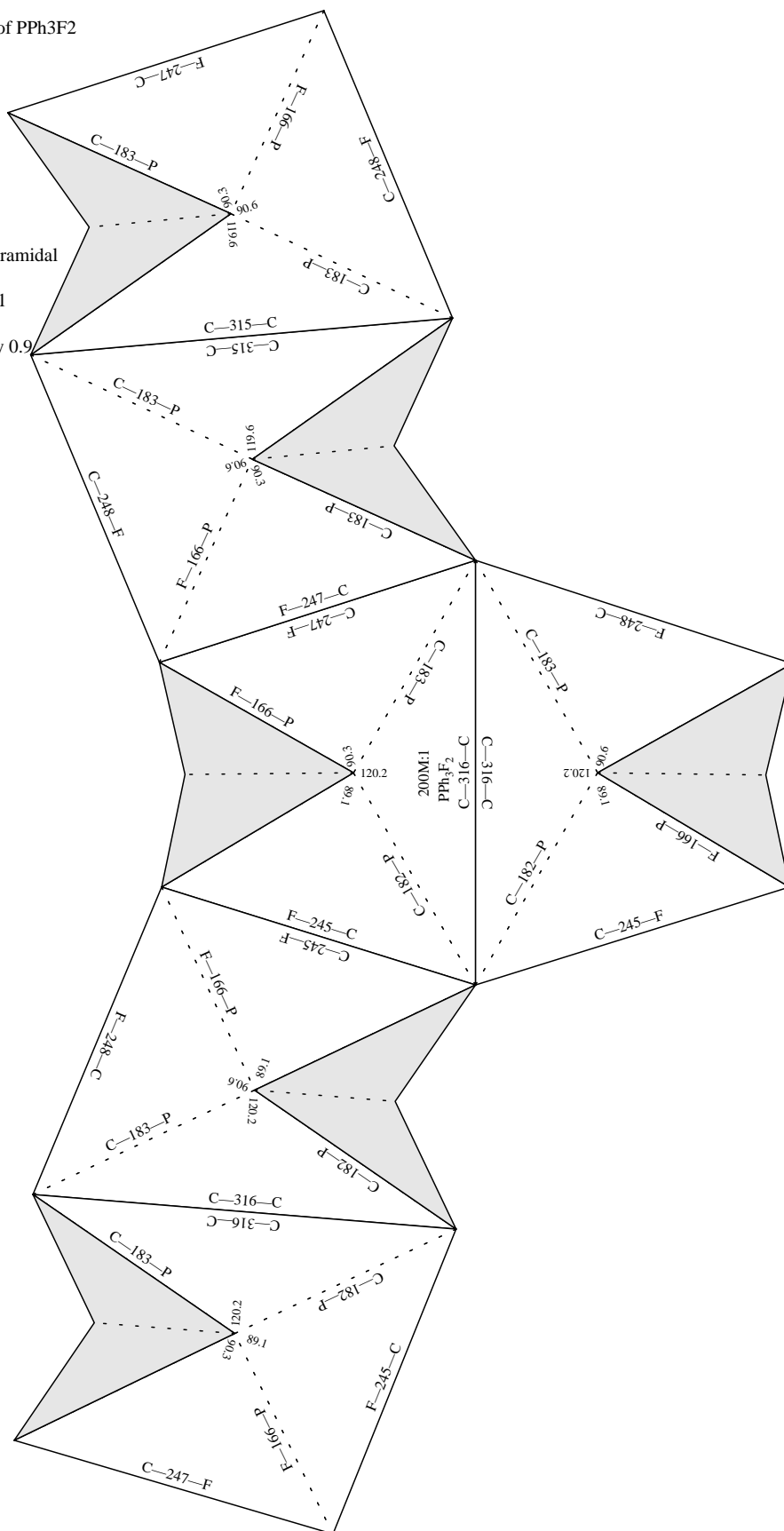
special trigonal bipyramidal

scale 200,000,000 : 1

units: pm

offsetx -0.32 offsey 0.9

View -1



Current: (centerx 3.98) (centery 5.90) (scale 200)

%%BoundingBox: 131 93 482 757

actual: 141 103 472 747

center: 306 425

actual size: 331 643

Better: (centerx 3.98) (centery 5.50) (scale 200)

%%BoundingBox: 107 129 459 792

actual: 117 139 449 782

center: 283 461

actual size: 331 643