

# Molecular Origami of PF3

given information

|              |                     |  |
|--------------|---------------------|--|
| ElementNames | [ (P) (F) (F) (F) ] |  |
| dotted       | F                   |  |
| distance     | 156.943             | P <sup>1</sup> -F <sup>2</sup>                 |
| distance     | 156.970             | P <sup>1</sup> -F <sup>3</sup>                 |
| distance     | 157.016             | P <sup>1</sup> -F <sup>1</sup>                 |
| angle        | 97.762              | F <sup>3</sup> -P <sup>1</sup> -F <sup>1</sup> |
|              | 236.5               | F <sup>3</sup> -F <sup>1</sup>                 |
| angle        | 97.793              | F <sup>3</sup> -P <sup>1</sup> -F <sup>2</sup> |
|              | 236.5               | F <sup>3</sup> -F <sup>2</sup>                 |
| angle        | 97.813              | F <sup>2</sup> -P <sup>1</sup> -F <sup>1</sup> |
|              | 236.6               | F <sup>2</sup> -F <sup>1</sup>                 |
| dopage       | T                   |  |
| AutoAlign    | F                   |  |
| showboth     | F                   |  |

structure type: XABC

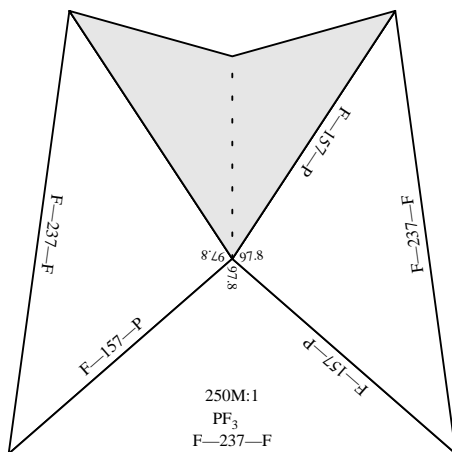
# Molecular Origami of PF<sub>3</sub>

!P1  
F1  
F2  
F3  
PF3

trigonal pyramidal

scale 250,000,000 : 1  
units: pm  
offsetx 1.1 offsety 0.9

View -1



Current: (centerx 5.40) (centery 5.90) (scale 250)

%%BoundingBox: 211 331 399 517 actual: 221 341 389 507

center: 305 424

actual size: 168 166

Better: (centerx 5.41) (centery 5.51) (scale 250)

%%BoundingBox: 291 368 479 554

actual: 301 378 469 544

center: 385 461

actual size: 168 166