

Molecular Origami of IOF5

given information

ElementNames	[(I) (F) (F) (F) (F) (F) (O)]	
distance	174.270	I ¹ -O ¹
distance	181.990	I ¹ -F ¹
distance	187.772	I ¹ -F ²
distance	187.779	I ¹ -F ⁵
distance	187.779	I ¹ -F ³
distance	187.785	I ¹ -F ⁴
angle	77.931	F ² -I ¹ -F ¹
	232.6	F ⁵ -I ¹ -F ¹
angle	77.932	F ⁵ -I ¹ -F ¹
	232.6	F ⁵ -F ¹
angle	77.932	F ³ -I ¹ -F ¹
	232.6	F ³ -F ¹
angle	77.932	F ⁴ -I ¹ -F ¹
	232.6	F ⁴ -F ¹
angle	87.493	F ⁵ -I ¹ -F ⁴
	259.7	F ⁵ -F ⁴
angle	87.493	F ⁴ -I ¹ -F ³
	259.7	F ⁴ -F ³
angle	87.497	F ⁵ -I ¹ -F ²
	259.7	F ⁵ -F ²
angle	87.497	F ³ -I ¹ -F ²
	259.7	F ³ -F ²
angle	102.068	O ¹ -I ¹ -F ⁴
	281.6	O ¹ -F ⁴
angle	102.068	O ¹ -I ¹ -F ⁵
	281.6	O ¹ -F ⁵
angle	102.068	O ¹ -I ¹ -F ³
	281.6	O ¹ -F ³
angle	102.069	O ¹ -I ¹ -F ²
	281.6	O ¹ -F ²
angle	155.864	F ⁵ -I ¹ -F ³
	367.3	F ⁵ -F ³
angle	155.864	F ⁴ -I ¹ -F ²
	367.3	F ⁴ -F ²
angle	180.000	O ¹ -I ¹ -F ¹
	356.3	O ¹ -F ¹
dopage	T	
AutoAlign	F	

structure type: XABCDEF

!I1
F1
F2
F3
F4
F5
O1
IOF5

```
scale 150,000,000 : 1
units: pm
offsetx 0.06 offsety -0.23
```

actual size: 321 680

actual size: 321 680