

Molecular Origami of TePh2F2

given information

ElementNames	[(Te) (C) (C) (F) (F)]	
distance	200.567	Te ¹ -F ²
distance	200.571	Te ¹ -F ¹
distance	211.527	Te ¹ -C ⁷
distance	211.534	Te ¹ -C ⁶
angle	87.617	F ¹ -Te ¹ -C ⁶
	285.4	F ¹ -C ⁶
angle	87.619	F ² -Te ¹ -C ⁷
	285.4	F ² -C ⁷
angle	87.829	F ² -Te ¹ -C ⁶
	285.9	F ² -C ⁶
angle	87.831	F ¹ -Te ¹ -C ⁷
	285.9	F ¹ -C ⁷
angle	96.840	C ⁷ -Te ¹ -C ⁶
	316.5	C ⁷ -C ⁶
angle	173.140	F ² -Te ¹ -F ¹
	400.4	F ² -F ¹
dopage	T	
AutoAlign	F	

structure type: XABCD

!Te1
C6
C7
F1
F2
TePh2F2

scale 250,000,000 : 1

offsetx -1.61 offs

ORTEP diagram of the molecular structure of TePh_2F_2 . The structure is shown with thermal ellipsoids at the 50% probability level. Key bond lengths and angles are labeled, including C-Te-C, C-Te-F, and F-Te-F angles. The structure is a distorted tetrahedron.

actual size: 430 729

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