

# Molecular Origami of TeBr6

given information

ElementNames	[ (Te) (Br) (Br) (Br) (Br) (Br) (Br) ]	
distance	268.928	Te <sup>1</sup> -Br <sup>6</sup>
distance	268.928	Te <sup>1</sup> -Br <sup>3</sup>
distance	269.457	Te <sup>1</sup> -Br <sup>5</sup>
distance	269.457	Te <sup>1</sup> -Br <sup>2</sup>
distance	269.612	Te <sup>1</sup> -Br <sup>4</sup>
distance	269.612	Te <sup>1</sup> -Br <sup>1</sup>
angle	87.443	Br <sup>5</sup> -Te <sup>1</sup> -Br <sup>4</sup>
	372.6	Br <sup>5</sup> -Br <sup>4</sup>
angle	87.443	Br <sup>2</sup> -Te <sup>1</sup> -Br <sup>1</sup>
	372.6	Br <sup>2</sup> -Br <sup>1</sup>
angle	89.309	Br <sup>4</sup> -Te <sup>1</sup> -Br <sup>3</sup>
	378.5	Br <sup>4</sup> -Br <sup>3</sup>
angle	89.309	Br <sup>6</sup> -Te <sup>1</sup> -Br <sup>1</sup>
	378.5	Br <sup>6</sup> -Br <sup>1</sup>
angle	89.751	Br <sup>5</sup> -Te <sup>1</sup> -Br <sup>3</sup>
	379.9	Br <sup>5</sup> -Br <sup>3</sup>
angle	89.751	Br <sup>6</sup> -Te <sup>1</sup> -Br <sup>2</sup>
	379.9	Br <sup>6</sup> -Br <sup>2</sup>
angle	90.249	Br <sup>6</sup> -Te <sup>1</sup> -Br <sup>5</sup>
	381.5	Br <sup>6</sup> -Br <sup>5</sup>
angle	90.249	Br <sup>3</sup> -Te <sup>1</sup> -Br <sup>2</sup>
	381.5	Br <sup>3</sup> -Br <sup>2</sup>
angle	90.691	Br <sup>6</sup> -Te <sup>1</sup> -Br <sup>4</sup>
	383.1	Br <sup>6</sup> -Br <sup>4</sup>
angle	90.691	Br <sup>3</sup> -Te <sup>1</sup> -Br <sup>1</sup>
	383.1	Br <sup>3</sup> -Br <sup>1</sup>
angle	92.557	Br <sup>4</sup> -Te <sup>1</sup> -Br <sup>2</sup>
	389.6	Br <sup>4</sup> -Br <sup>2</sup>
angle	92.557	Br <sup>5</sup> -Te <sup>1</sup> -Br <sup>1</sup>
	389.6	Br <sup>5</sup> -Br <sup>1</sup>
angle	179.999	Br <sup>6</sup> -Te <sup>1</sup> -Br <sup>3</sup>
	537.9	Br <sup>6</sup> -Br <sup>3</sup>
angle	179.999	Br <sup>5</sup> -Te <sup>1</sup> -Br <sup>2</sup>
	538.9	Br <sup>5</sup> -Br <sup>2</sup>
angle	179.999	Br <sup>4</sup> -Te <sup>1</sup> -Br <sup>1</sup>
	539.2	Br <sup>4</sup> -Br <sup>1</sup>
dopage	T	
AutoAlign	F	

structure type: XABCDEF

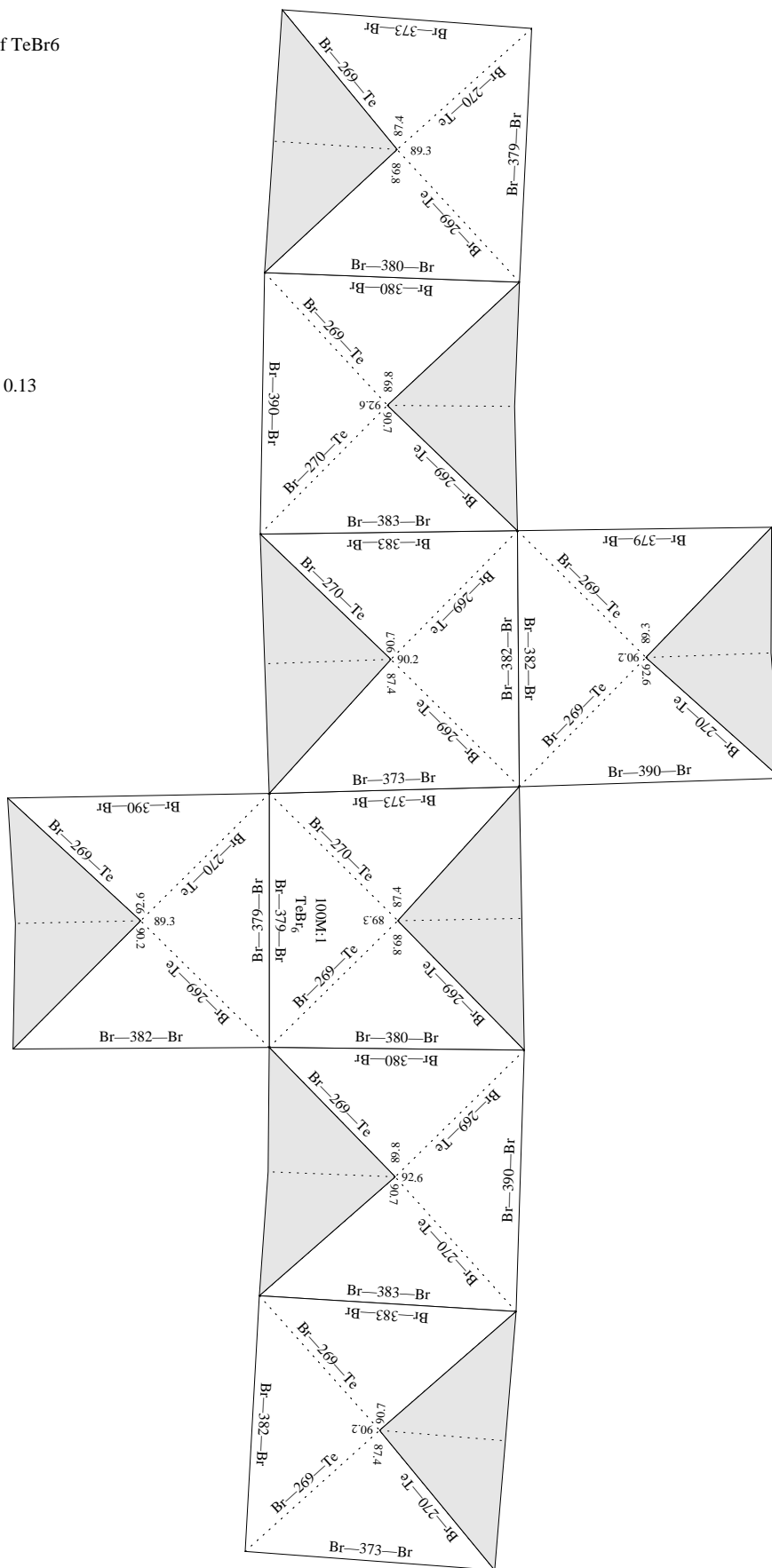
# Molecular Origami of TeBr6

!Te1  
Br1  
Br2  
Br3  
Br4  
Br5  
Br6  
TeBr6

special octahedral

scale 100,000,000 : 1  
units: pm  
offsetx -0.03 offsety 0.13

View -1



Current: (centerx 4.27) (centery 5.13) (scale 100)

%%BoundingBox: 133 85 479 764

Better: (centerx 4.27) (centery 4.73) (scale 100)

%%BoundingBox: 131 66 477 745

actual: 143 95 469 754

actual: 141 76 467 735

center: 306 425

center: 304 405

actual size: 326 659

actual size: 326 659