

Molecular Origami of BrF6⁺

given information

ElementNames	[(Br) (F) (F) (F) (F) (F) (F)]	
distance	175.933	Br ¹ -F ⁴
distance	177.584	Br ¹ -F ⁶
distance	181.177	Br ¹ -F ⁵
distance	182.764	Br ¹ -F ²
distance	184.195	Br ¹ -F ³
distance	187.688	Br ¹ -F ¹
angle	88.554	F ⁶ -Br ¹ -F ²
angle	251.6	F ⁶ -F ²
	88.610	F ⁶ -Br ¹ -F ⁵
angle	250.6	F ⁶ -F ⁵
	89.269	F ⁵ -Br ¹ -F ²
angle	255.7	F ⁵ -F ²
	89.423	F ⁵ -Br ¹ -F ⁴
angle	251.3	F ⁵ -F ⁴
	89.656	F ⁴ -Br ¹ -F ²
angle	252.9	F ⁴ -F ²
	89.688	F ⁵ -Br ¹ -F ¹
angle	260.2	F ⁵ -F ¹
	89.956	F ⁶ -Br ¹ -F ¹
angle	258.3	F ⁶ -F ¹
	89.959	F ³ -Br ¹ -F ¹
angle	262.9	F ³ -F ¹
	90.206	F ⁴ -Br ¹ -F ³
angle	255.2	F ⁴ -F ³
	91.094	F ³ -Br ¹ -F ²
angle	261.9	F ³ -F ²
	91.771	F ⁶ -Br ¹ -F ³
angle	259.8	F ⁶ -F ³
	91.799	F ⁴ -Br ¹ -F ¹
angle	261.3	F ⁴ -F ¹
	177.357	F ⁶ -Br ¹ -F ⁴
angle	353.4	F ⁶ -F ⁴
	178.201	F ² -Br ¹ -F ¹
angle	370.4	F ² -F ¹
	179.480	F ⁵ -Br ¹ -F ³
	365.4	F ⁵ -F ³
dopage	T	
AutoAlign	F	

structure type: XABCDEF

Molecular Origami of BrF6⁺

!Br1

F1

F2

F3

F4

F5

F6

BrF6⁺

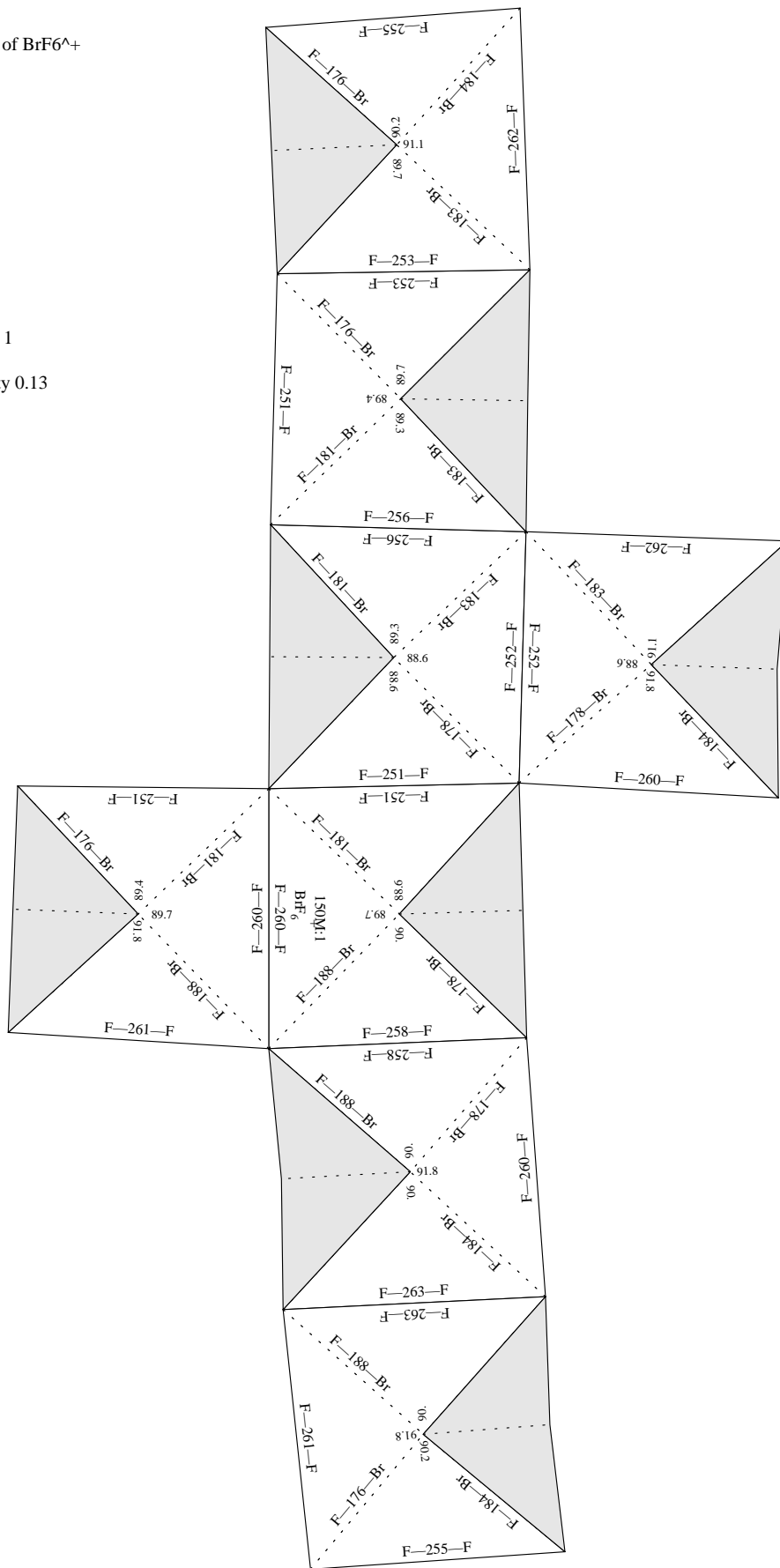
special octahedral

scale 150,000,000 : 1

units: pm

offsetx -0.07 offsety 0.13

View -1



Current: (centerx 4.23) (centery 5.13) (scale 150)

%%BoundingBox: 128 81 480 765

actual: 138 91 470 755

center: 304 423

actual size: 332 664

Better: (centerx 4.26) (centery 4.76) (scale 150)

%%BoundingBox: 125 63 477 747

actual: 135 73 467 737

center: 301 405

actual size: 332 664