

Molecular Origami of Hf(cp)2(Me)2

given information

ElementNames [(Hf) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C)]

distance	231.318	Hf ¹ -C ¹
distance	237.636	Hf ¹ -C ⁵
distance	247.445	Hf ¹ -C ⁷
distance	247.885	Hf ¹ -C ¹¹
distance	248.309	Hf ¹ -C ⁸
distance	249.719	Hf ¹ -C ⁹
distance	249.792	Hf ¹ -C ²
distance	251.143	Hf ¹ -C ³
distance	251.757	Hf ¹ -C ¹²
distance	251.773	Hf ¹ -C ⁶
distance	252.046	Hf ¹ -C ⁴
distance	254.131	Hf ¹ -C ¹⁰
angle	29.788	C ⁶ -Hf ¹ -C ¹⁰
	130.1	C ⁶ -C ¹⁰
angle	31.337	C ⁹ -Hf ¹ -C ¹⁰
	136.1	C ⁹ -C ¹⁰
angle	31.795	C ⁷ -Hf ¹ -C ⁶
	136.8	C ⁷ -C ⁶
angle	32.031	C ² -Hf ¹ -C ¹²
	138.4	C ² -C ¹²
angle	32.137	C ⁹ -Hf ¹ -C ⁸
	137.9	C ⁹ -C ⁸
angle	32.190	C ¹² -Hf ¹ -C ¹¹
	138.6	C ¹² -C ¹¹
angle	32.320	C ⁴ -Hf ¹ -C ¹¹
	139.2	C ⁴ -C ¹¹
angle	32.732	C ⁴ -Hf ¹ -C ³
	141.8	C ⁴ -C ³
angle	32.738	C ⁸ -Hf ¹ -C ⁷
	139.7	C ⁸ -C ⁷
angle	32.742	C ³ -Hf ¹ -C ²
	141.2	C ³ -C ²
angle	50.667	C ⁹ -Hf ¹ -C ⁶
	214.6	C ⁹ -C ⁶
angle	51.978	C ⁷ -Hf ¹ -C ¹⁰
	219.9	C ⁷ -C ¹⁰
angle	52.450	C ⁹ -Hf ¹ -C ⁷
	219.7	C ⁹ -C ⁷
angle	52.775	C ⁸ -Hf ¹ -C ⁶
	222.3	C ⁸ -C ⁶
angle	53.048	C ⁸ -Hf ¹ -C ¹⁰
	224.4	C ⁸ -C ¹⁰
angle	53.496	C ² -Hf ¹ -C ¹¹
	224.	C ² -C ¹¹
angle	53.545	C ³ -Hf ¹ -C ¹²
	226.5	C ³ -C ¹²
angle	53.562	C ⁴ -Hf ¹ -C ¹²
	227.	C ⁴ -C ¹²
angle	53.693	C ³ -Hf ¹ -C ¹¹
	225.4	C ³ -C ¹¹
angle	54.068	C ⁴ -Hf ¹ -C ²
	228.1	C ⁴ -C ²
angle	78.583	C ⁵ -Hf ¹ -C ¹²
	310.1	C ⁵ -C ¹²
angle	78.910	C ⁷ -Hf ¹ -C ⁴
	317.4	C ⁷ -C ⁴
angle	79.550	C ⁹ -Hf ¹ -C ⁵
	311.9	C ⁹ -C ⁵
angle	80.796	C ³ -Hf ¹ -C ¹
	313.	C ³ -C ¹
angle	82.394	C ⁶ -Hf ¹ -C ¹
	318.6	C ⁶ -C ¹
angle	83.586	C ⁸ -Hf ¹ -C ¹¹
	330.7	C ⁸ -C ¹¹
angle	84.447	C ¹⁰ -Hf ¹ -C ¹
	326.7	C ¹⁰ -C ¹
angle	84.793	C ² -Hf ¹ -C ¹
	324.7	C ² -C ¹
angle	89.169	C ⁵ -Hf ¹ -C ²
	342.3	C ⁵ -C ²
angle	89.858	C ⁷ -Hf ¹ -C ¹¹
	349.8	C ⁷ -C ¹¹
angle	90.586	C ⁸ -Hf ¹ -C ⁴
	355.6	C ⁸ -C ⁴

