

Molecular Origami of Ni(phenanthroline)₃²⁺

given information

ElementNames	[(Ni) (N) (N) (N) (N) (N) (N)]	
distance	207.772	Ni ¹ -N ⁶
distance	207.897	Ni ¹ -N ⁴
distance	209.005	Ni ¹ -N ¹
distance	209.305	Ni ¹ -N ³
distance	209.491	Ni ¹ -N ²
distance	210.661	Ni ¹ -N ⁵
angle	78.667	N ⁵ -Ni ¹ -N ²
	266.3	N ⁵ -N ²
angle	79.456	N ⁶ -Ni ¹ -N ³
	266.6	N ⁶ -N ³
angle	79.979	N ⁴ -Ni ¹ -N ¹
	267.9	N ⁴ -N ¹
angle	91.734	N ⁶ -Ni ¹ -N ⁵
	300.3	N ⁶ -N ⁵
angle	92.181	N ² -Ni ¹ -N ¹
	301.5	N ² -N ¹
angle	92.295	N ⁵ -Ni ¹ -N ³
	302.8	N ⁵ -N ³
angle	92.465	N ⁴ -Ni ¹ -N ²
	301.4	N ⁴ -N ²
angle	93.124	N ⁶ -Ni ¹ -N ¹
	302.6	N ⁶ -N ¹
angle	94.301	N ⁶ -Ni ¹ -N ²
	305.9	N ⁶ -N ²
angle	94.869	N ⁴ -Ni ¹ -N ³
	307.3	N ⁴ -N ³
angle	96.103	N ⁵ -Ni ¹ -N ⁴
	311.3	N ⁵ -N ⁴
angle	97.249	N ³ -Ni ¹ -N ¹
	313.9	N ³ -N ¹
angle	168.929	N ³ -Ni ¹ -N ²
	416.8	N ³ -N ²
angle	169.941	N ⁵ -Ni ¹ -N ¹
	418.1	N ⁵ -N ¹
angle	170.521	N ⁶ -Ni ¹ -N ⁴
	414.2	N ⁶ -N ⁴
dopage	T	
AutoAlign	F	

structure type: XABCDEF

¹Ni1
 N1
 N2
 N3
 N4
 N5
 N6
 Ni(phenanthroline)3²⁺

```
scale 125,000,000 : 1
units: pm
offsetx -0.11 offsety 1.72
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actual size: 308 629

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