

# Molecular Origami of Co(en)2Br2<sup>+</sup>trans

given information

ElementNames	[ (Co) (Br) (Br) (N) (N) (N) (N) ]	
distance	199.621	Co <sup>1</sup> -N <sup>3</sup>
distance	199.621	Co <sup>1</sup> -N <sup>1</sup>
distance	201.393	Co <sup>1</sup> -N <sup>4</sup>
distance	201.393	Co <sup>1</sup> -N <sup>2</sup>
distance	243.782	Co <sup>1</sup> -Br <sup>2</sup>
distance	243.782	Co <sup>1</sup> -Br <sup>1</sup>
angle	87.229	N <sup>4</sup> -Co <sup>1</sup> -N <sup>3</sup>
	276.6	N <sup>4</sup> -N <sup>3</sup>
angle	87.229	N <sup>2</sup> -Co <sup>1</sup> -N <sup>1</sup>
	276.6	N <sup>2</sup> -N <sup>1</sup>
angle	88.912	N <sup>3</sup> -Co <sup>1</sup> -Br <sup>2</sup>
	312.1	N <sup>3</sup> -Br <sup>2</sup>
angle	88.912	N <sup>1</sup> -Co <sup>1</sup> -Br <sup>1</sup>
	312.1	N <sup>1</sup> -Br <sup>1</sup>
angle	89.141	N <sup>4</sup> -Co <sup>1</sup> -Br <sup>2</sup>
	313.9	N <sup>4</sup> -Br <sup>2</sup>
angle	89.141	N <sup>2</sup> -Co <sup>1</sup> -Br <sup>1</sup>
	313.9	N <sup>2</sup> -Br <sup>1</sup>
angle	90.859	N <sup>2</sup> -Co <sup>1</sup> -Br <sup>2</sup>
	318.5	N <sup>2</sup> -Br <sup>2</sup>
angle	90.859	N <sup>4</sup> -Co <sup>1</sup> -Br <sup>1</sup>
	318.5	N <sup>4</sup> -Br <sup>1</sup>
angle	91.088	N <sup>1</sup> -Co <sup>1</sup> -Br <sup>2</sup>
	318.	N <sup>1</sup> -Br <sup>2</sup>
angle	91.088	N <sup>3</sup> -Co <sup>1</sup> -Br <sup>1</sup>
	318.	N <sup>3</sup> -Br <sup>1</sup>
angle	92.771	N <sup>3</sup> -Co <sup>1</sup> -N <sup>2</sup>
	290.3	N <sup>3</sup> -N <sup>2</sup>
angle	92.771	N <sup>4</sup> -Co <sup>1</sup> -N <sup>1</sup>
	290.3	N <sup>4</sup> -N <sup>1</sup>
angle	179.999	N <sup>3</sup> -Co <sup>1</sup> -N <sup>1</sup>
	399.2	N <sup>3</sup> -N <sup>1</sup>
angle	179.999	N <sup>4</sup> -Co <sup>1</sup> -N <sup>2</sup>
	402.8	N <sup>4</sup> -N <sup>2</sup>
angle	179.999	Br <sup>2</sup> -Co <sup>1</sup> -Br <sup>1</sup>
	487.6	Br <sup>2</sup> -Br <sup>1</sup>
dopage	T	
AutoAlign	F	

structure type: XABCDEF

Molecular Origami of  $\text{Co(en)}_2\text{Br}_2^{\text{trans}}$

!Co1

Br1

Br2

N1

N2

N3

N4

$\text{Co(en)}_2\text{Br}_2^{\text{trans}}$

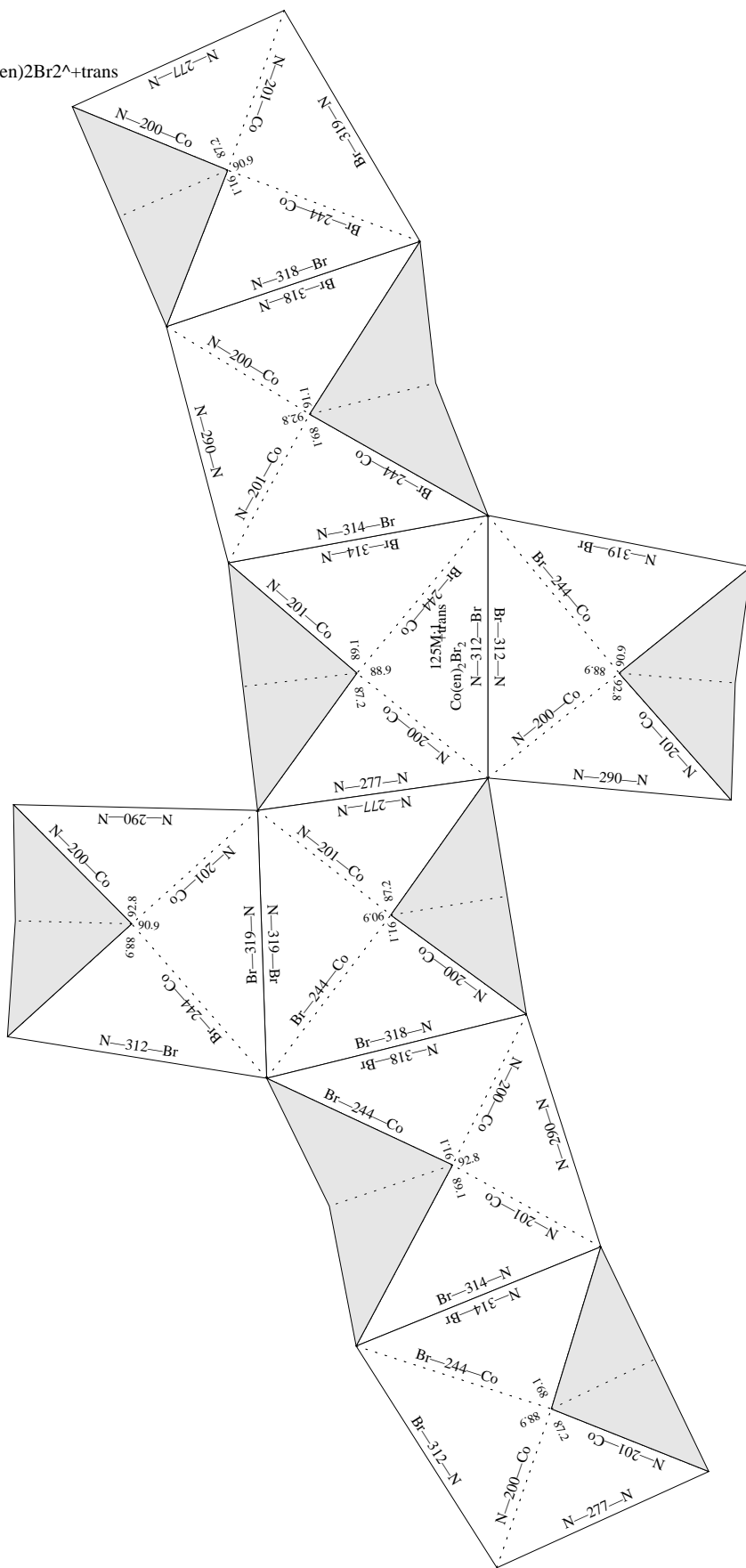
special octahedral

scale 125,000,000 : 1

units: pm

offsetx -0.04 offsety 1.75

View -1



Current: (centerx 4.26) (centery 6.75) (scale 125)

%%BoundingBox: 150 99 483 775

actual: 160 109 473 765

center: 316 437

actual size: 313 656

Better: (centerx 4.12) (centery 6.18) (scale 125)

%%BoundingBox: 137 184 470 860

actual: 147 194 460 850

center: 303 522

actual size: 313 656