

1617
MW

C₄H₆

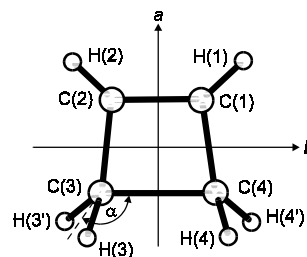
Cyclobutene

C_{2v}

r_s	Å	θ_s	deg
C(1)=C(2)	1.342(4)	C(1)=C(2)-C(3)	94.2(3)
C(1)-C(4)	1.517(3)	C(2)-C(3)-C(4)	85.8(2)
C(3)-C(4)	1.566(3)	H-C(1)=C(2)	133.5(5)
C(1)-H	1.083(5)	H-C(3)-H	109.2(5)
C(3)-H	1.094(5)	H-C(3)-C(4)	114.5(5)
		α^a	135.8(5)

Atom	a_s [Å]	b_s [Å]	c_s [Å]
C(1,2)	0.78814	± 0.67110	0.0
C(3,4)	-0.72502	± 0.78297	0.0
H(1,2)	1.57388	± 1.41594	0.0
H(3,3',4,4')	-1.16701	± 1.23723	± 0.89215

^a) See figure for definition.



Bak, B., Led, J.J., Nygaard, L., Rastrup-Andersen, J., Sørensen, G.O.: J. Mol. Struct. **3** (1969) 369.