

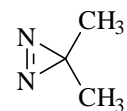
1259
MW

C₃H₆N₂

3,3-Dimethyl-3*H*-diazirine

C_{2v}

r_0	Å	θ_0	deg
C–C	1.499(15)	N–C–N	48.9 ^{a)}
C–N	1.490(15)	N=N–C	65.5 ^{a)}
N=N	1.235(10)	C–C–C	119.7(10)
C–H(s)	1.080(20)	ϕ ^{b)}	120.4(5)
C–H(a)	1.100(20)	H(s)–C–H(a)	109.1(20)
		H(a)–C–H(a)	107.7(20)
		tilt (CH ₃)	0.35



^{a)} Dependent parameters.

^{b)} Angle between the symmetry axes of the CH₃ groups.

Wollrab, J.E., Scharpen, L.H., Ames, D.P., Merritt, J.A.: J. Chem. Phys. **49** (1968) 2405.