

1320
MW

C₃H₇N

2-Methylaziridine

C₁

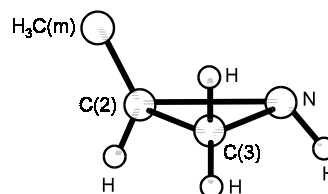
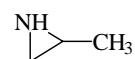
r_0	Å	θ_0	deg
C(2)–C(3)	1.480 ^{a)}	H–C(3)–H	116.68 ^{a)}
C–N	1.488 ^{a)}	C(m)–C(2)–C(3)	120.5(10)
C–H ^{b)}	1.083 ^{a)}	α ^{c)}	33.0(10)
C(m)–H	1.090 ^{a)}	ϕ ^{d)}	112 ^{a)}
N–H	1.010(20)		
C(2)–C(m)	1.517(15)		

^{a)} Assumed.

^{b)} C–H bonds of the ring.

^{c)} Angle between the C(m)–C(2) bond and a line perpendicular to the ring plane.

^{d)} Angle between the N–H bond and the ring plane; projection of N–H on extended ring plane bisects C–N–C angle.



Hayes, D., Beeson, E.L.: J. Chem. Phys. **47** (1967) 3717.