

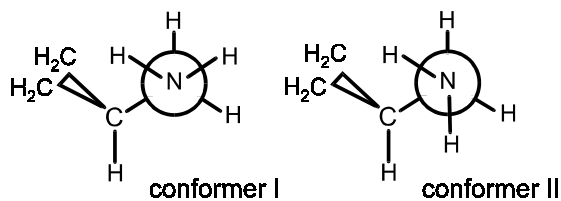
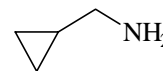
1790
MW

C₄H₉N

(Aminomethyl)cyclopropane

C₁ (conformers I and II)

r_0	Å ^{a)}	θ_0	deg ^{a)}	
C–C(ring)	1.512 ^{a)}	C–C–C(ring)	60.0 ^{a)}	
C(ring)–C(methylene)	1.520 ^{a)}	H–C(ring)–H	116.0 ^{a)}	
C–N	1.472 ^{a)}	H–C(ring)–C(methylene)	116.0 ^{a)}	
C(ring)–H	1.083 ^{a)}	H–C(methylene)–H	109.47 ^{a)}	
C(methylene)–H	1.093 ^{a)}	H–C(methylene)–C(ring)	109.47 ^{a)}	
N–H	1.017 ^{a)}	C–N–H	109.47 ^{a)}	
		H–N–H	109.47 ^{a)}	
		τ_1 ^{b)}	60 or 180 ^{a)}	
			conformer I	conformer II
		C–C–N	110.0(15)	116.0(15)
		τ_2 ^{c)}	59(3)	62(3)



^{a)} Assumed; for both conformers equal.

^{b)} Dihedral angle H–N–C–C from *syn*.

^{c)} Dihedral angle M...C–C–N from *anti*, where M...C is the bisector of the cyclopropyl ring.

Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand. Ser. A **38** (1984) 387.