

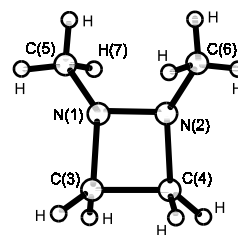
1814
ED, MW

C₄H₁₀N₂

1,2-Dimethyl-1,2-diazetidene

C₂

r_{av}	Å ^{a)}	θ_{av}	deg ^{a)}
N(1)–N(2)	1.427(7)	C(5)–N(1)–N(2)	113.0(6)
C(3)–C(4)	1.537(11)	N(1)–C(5)–H(7)	111.1(13)
N(1)–C(3)	1.481(8)	τ_1 ^{b)}	118.4(6)
N(1)–C(5)	1.471(7)	τ_2 ^{c)}	17.8(6)
C(3)–H	1.074(6)	τ_3 ^{d)}	75.4(87)



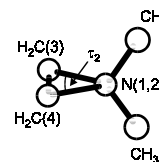
The nozzle temperature was 20 °C.

^{a)} Three times the estimated standard errors.

^{b)} Dihedral angle C(5)–N(1)–N(2)–C(4).

^{c)} Ring torsional angle C(4)–N(2)–N(1)–C(3), see figure.

^{d)} Dihedral angle N(2)–N(1)–C(5)–H(7).



Gebhardt, K.F., Oberhammer, H., Zeil, W.: J. Chem. Soc., Faraday Trans. II **76** (1980) 1293.