

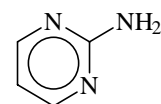
1610
ED

C₄H₅N₃

2-Aminopyrimidine

C_{2v} (without H atoms in NH₂)

r_g	Å ^{a)}	θ_α	deg ^{a)}
C–N(ring)	1.360(6)	N–C–C (ring)	123(1)
C–N(amino)	1.330(10)	C–C–C	117(2)
C–C	1.371(7)	C–N–H(amino)	115(5)
C–H	1.10 ^{b)}	H–N–H(amino)	124(5)
N–H	1.01 ^{b)}	φ ^{c)} ^{d)}	27



The nozzle temperature was 140 °C.

^{a)} Estimated standard errors.

^{b)} Assumed.

^{c)} Dihedral angle between the NH₂ plane and the ring plane.

^{d)} Dependent parameter.

Den Brinker, W., Huisman, P.A.G., Mijlhoff, F.C.: J. Mol. Struct. **54** (1979) 293.