

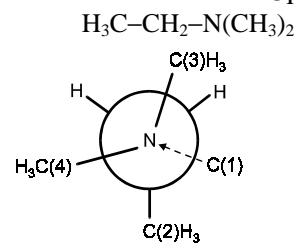
1831  
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**C<sub>4</sub>H<sub>11</sub>N**

***N,N*-Dimethylethylamine**

**C<sub>1</sub>**

$r_a$	$\text{\AA}^a$	$\theta_a$	$\text{deg}^a$
C–N	1.452(6)	C–N–C	111.3(10)
C–C	1.539(24)	N–C–C	113(3)
C–H	1.106(4)	C–C–H	113(3)
		N–C–H	113(3)
		$\tau_1^b$	74(4)
		$\tau_2^c$	161(6)



Only one conformation is present; the N-methyl groups are in *gauche* and *trans* positions. The measurements were made at room temperature.

<sup>a</sup>) Three times the estimated standard errors.

<sup>b</sup>) Dihedral angle C(2)–C(1)–N–C(4).

<sup>c</sup>) Dihedral angle C(2)–C(1)–N–C(3).

ter Brake, J.H.M., Mom, V., Mijlhoff, F.C.: J. Mol. Struct. **65** (1980) 303.