

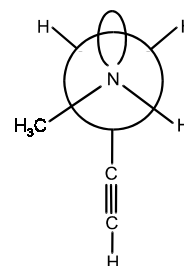
1699  
MW

**C<sub>4</sub>H<sub>7</sub>N**

***N*-Methyl-2-propynylamine**  
*N*-Methylpropargylamine

**C<sub>1</sub>**  
H3C-NH-CH2-C#CH

$r_0$	Å	$\theta_0$	deg
C–N	1.495 <sup>a)</sup>	H–C≡C	180.0 <sup>a)</sup>
C≡C	1.196 <sup>a)</sup>	C–C≡C	180.0 <sup>a)</sup>
C–C	1.461 <sup>a)</sup>	C–C–N	113.6 <sup>a)</sup>
C–H (acetylene)	1.073 <sup>a)</sup>	C–C–H	109.47 <sup>a)</sup>
C–H	1.093 <sup>a)</sup>	H–C–H	109.47 <sup>a)</sup>
N–H	1.017 <sup>a)</sup>	C–N–H	109.47 <sup>a)</sup>
		N–C–H	109.47 <sup>a)</sup>
		C–N–C	112.0(15)
		H–N–C–C	57(4) <sup>b)</sup>
		C–N–C–C	63(4) <sup>b)</sup>



One conformer was detected. It is more stable than others by at least 4 kJ mol<sup>−1</sup>.

<sup>a)</sup> Assumed.

<sup>b)</sup> From *syn*.

Marstokk, K.-M., Møllendal, H.: Acta Chem. Scand., Ser. A **39** (1985) 483.