

1851
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C₄H₁₂N₂S

***N,N'*-Thiobis(dimethylamine)**

C_{2v} (conformers I
and II) assumed
(H₃C)₂N–S–N(CH₃)₂

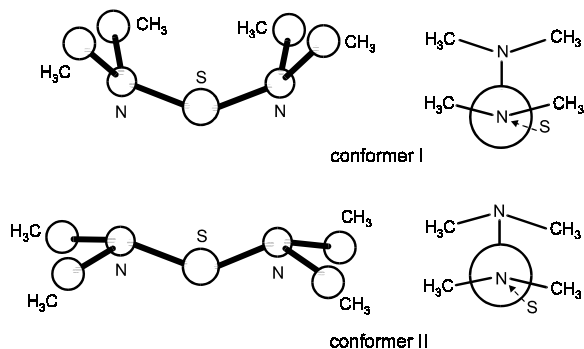
r_a	Å ^{a)}	θ_a	deg ^{a)}
C–H	1.10 ^{b)}	H–C–H	109.5 ^{b)}
C–N	1.473(6)	H–C–N	109.5 ^{b)}
S–N	1.688(6)	C–N–C	116.5(16)
		S–N–C	117.9(6)
		N–S–N	114.5(16)

A mixture of conformers I and II (see figure) in a ratio of 70:30 gives the best agreement with experimental data.

The temperature of the measurements was not stated.

^{a)} Estimated standard errors.

^{b)} Assumed.



Hargittai, I., Hargittai, M.: Acta Chim. Acad. Sci. Hung. **75** (1973) 129.

See also: Hargittai, I., Hargittai, M., Hernádi, I.: Magy. Kem. Folyoirat **76** (1970) 63.