



>>Entry Name: 1,4-Dichlorobutane, 9Cl

Synonym(s): Tetramethylene chloride

CAS Registry Number: 110-56-5

ClCH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>CH<sub>2</sub>Cl

Molecular Formula: C<sub>4</sub>H<sub>8</sub>Cl<sub>2</sub>

Molecular Weight: 127.013

Accurate Mass: 126.000304

Percentage Composition: C 37.83%; H 6.35%; Cl 55.83%

Physical Description: Liq.

Boiling Point: Bp 161-163°. Bp<sub>12</sub> 53-54°

Density: d<sub>4</sub><sup>20</sup> 1.1408

Other Data: n<sub>D</sub> 1.4556

Hazard & Toxicity: Flammable, fl. p. 52°, autoignition temp. 275°

Aldrich: D5910-0

Fluka: 35580

Supelco: R43-4080

#### References:

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Aksnes, D.W., *Acta Chem. Scand.*, 1972, **26**, 1883, (*pmr, conformn*)

Russell, B.R. *et al.*, *J.A.C.S.*, 1973, **95**, 2129, (*uv*)

Velichko, F.K. *et al.*, *Org. Magn. Reson.*, 1975, **7**, 361, (*cmr*)

Matsuura, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1979, **52**, 2512, (*Raman*)

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Juršić, B., *J. Chem. Res., Synop.*, 1989, 284, (*synth*)

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