



>>Entry Name: 2-Iodo-2-methylpropane

Synonym(s): *tert*-Butyl iodide

CAS Registry Number: 558-17-8

(H₃C)₃CI

Molecular Formula: C₄H₉I

Molecular Weight: 184.02

Accurate Mass: 183.974898

Percentage Composition: C 26.11%; H 4.93%; I 68.96%

Boiling Point: Bp 95-100°

Other Data: Highly flammable, fl. p. -10°

Aldrich: 24579-8

Fluka: 20050

Rare Chemicals Library: S55935-0

References:

Aldrich Library of 13C and 1H FT NMR Spectra, 1992, **1**, 100A, (*nmr*)

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Sheppard, N., *Trans. Faraday Soc.*, 1950, **46**, 527, (*ir*)

Tobin, M.C., *J.A.C.S.*, 1953, **75**, 1788, (*ir*)

Landaur, S.R. *et al.*, *J.C.S.*, 1953, 2224, (*synth*)

Heel, H. *et al.*, *Z. Elektrochem.*, 1960, **64**, 962, (*pmr*)

Boschi, R.A. *et al.*, *Mol. Phys.*, 1972, **24**, 735, (*uv*)

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