



>>Entry Name: **2-Iodo-1,3-dimethylbenzene**

Synonym(s): 2-Iodo-*m*-xylene

CAS Registry Number: 608-28-6

Molecular Formula: C₈H₉I

Molecular Weight: 232.064

Accurate Mass: 231.974898

Percentage Composition: C 41.41%; H 3.91%; I 54.69%

Physical Description: Oil or cryst.

Melting Point: Mp 11.2°

Boiling Point: Bp 229-230°. Bp₁₄ 102.3°

Density: d₄²⁰ 1.616

Rare Chemicals Library: S55416-2

References:

CRC Atlas of Spectral Data and Physical Constants, B423, (ms)

Klages, A., *J. Prakt. Chem.*, 1900, **61**, 307, (synth)

Lindberg, J.G. *et al.*, *J. Magn. Reson.*, 1975, **20**, 89, (nmr)

Branchi, B. *et al.*, *Eur. J. Org. Chem.*, 2000, 2663-2668, (synth, pmr, cmr)