

Identification

Chloriodomethane
 Methylene chloriodide
 CAS no. 593-71-5
 BRN 1730802

Specifications

Assay min. 98.0%
 Non-volatile matter < 0.01%

Properties

Clear to light yellow liquid
 Molecular weight 176.4

Boiling point 108 - 109°C
 Density 2.416 - 2.422 g/ml
 Refractive index 1.580 - 1.583

Safety & Handling

R 20/21/22, 36/37/38
 S 23, 26, 36/37/39
 UN 2810
 EINECS 209-804-8

References

1. H.E. Simmons et al., *Org. React.* 20 (1973), 1
2. S. Miyano et al, *Bull. Chem. Soc. Jpn.* 46 (1973), 892, 1895
3. A.B. Charette et al., *Tetrahedron Lett.*, 34 (1993), 7157
4. G.A. Molander et al., *J. Org. Chem.* 54 (1989), 3525
5. J. Barluenga et al., *J. Chem. Soc., Chem. Commun.*, 1994, 969
6. J. Barluenga et al., *J. Chem. Soc., Perkin 1*, 1988, 3339

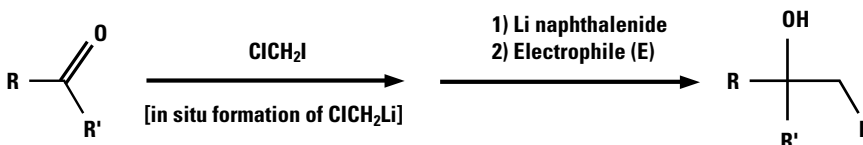
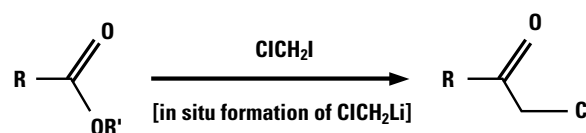
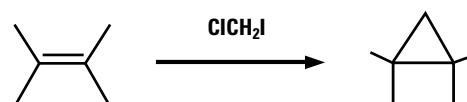
Methylenations

Chloriodomethane



Useful reagent for cyclopropanation of alkenes according to Simmons-Smith, methylenation of allylic alcohols, converting esters to chloromethylketones and enabling reactions with electrophiles on carbon.

Applications



For additional information and/or samples, please contact our regional sales office.
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