



>>Entry Name: 1-Chloromethyl-2,4-dimethylbenzene, 9Cl, 8Cl

Synonym(s): α -Chloro-2,4-dimethyltoluene. 2,4-Dimethylbenzyl chloride

CAS Registry Number: 824-55-5

Molecular Formula: C₉H₁₁Cl

Molecular Weight: 154.639

Accurate Mass: 154.054927

Percentage Composition: C 69.90%; H 7.17%; Cl 22.93%

Use/Importance: Protective group for phenols

Physical Description: Liq.

Boiling Point: Bp₁₄ 100-105°

References:

v. Braun, J. *et al.*, *Ber.*, 1934, **67**, 1097, (*synth*)

Fuson, R.C. *et al.*, *Org. React. (N.Y.)*, 1942, **1**, 69, (*synth*)

Izumida, T. *et al.*, *J. Phys. Chem.*, 1980, **84**, 60, (*synth*)

Davis, R. *et al.*, *Synthesis*, 1982, 987, (*use*)