



>>Entry Name: 1-(Chloromethyl)-4-(trifluoromethyl)benzene

Synonym(s): α' -Chloro- α,α,α -trifluoro-*p*-xylene. *p*-Trifluoromethylbenzyl chloride

CAS Registry Number: 939-99-1

Molecular Formula: C₈H₆ClF₃

Molecular Weight: 194.583

Accurate Mass: 194.011011

Percentage Composition: C 49.38%; H 3.11%; Cl 18.22%; F 29.29%

Melting Point: Mp 19°

Boiling Point: Bp₁₂ 68°

Density: d 1.31

Refractive Index: n_D²² 1.4622

Aldrich: 36581-5

References:

Streitwieser, A. *et al.*, *J.A.C.S.*, 1964, **86**, 4938

Kuentzel, H. *et al.*, *Helv. Chim. Acta*, 1971, **54**, 868, (*synth, pmr, ir*)