



>>Entry Name: 2-Fluoro-1,3,5-trimethylbenzene, 9CI

Synonym(s): Fluoromesitylene, 8CI

CAS Registry Number: 392-69-8

Structure by analogy with 1-Fluoro-2,3,4-trimethylbenzene, [FGJ02-L](#)

Molecular Formula: C₉H₁₁F

Molecular Weight: 138.184

Accurate Mass: 138.084478

Percentage Composition: C 78.23%; H 8.02%; F 13.75%

Physical Description: Liq.

Melting Point: Mp -36.7°

Boiling Point: Bp 171-172°

References:

Hart, H. *et al.*, *J.O.C.*, 1970, **35**, 3637, (*synth, pmr*)

Taft, R.W. *et al.*, *Gazz. Chim. Ital.*, 1973, **103**, 1019, (*nmr*)

Taylor, E.C. *et al.*, *J.O.C.*, 1977, **42**, 362, (*synth*)

Zupan, M. *et al.*, *J.O.C.*, 1983, **48**, 2223, (*synth, nmr, ms*)