



>>Entry Name: 1-Fluoro-4-(trichloromethyl)benzene, 9Cl

Synonym(s): α,α,α -Trichloro-*p*-fluorotoluene, 8Cl. *p*-Fluorobenzotrichloride

CAS Registry Number: 402-42-6

Structure by analogy with 1-Fluoro-2-(trichloromethyl)benzene, [FBN85-X](#)

Molecular Formula: C₇H₄Cl₃F

Molecular Weight: 213.465

Accurate Mass: 211.936259

Percentage Composition: C 39.39%; H 1.89%; Cl 49.82%; F 8.90%

Physical Description: Liq.

Boiling Point: Bp₇₄₂ 212-213°. Bp₄₅ 121-125°

Rare Chemicals Library: S43000-5

References:

Brown, J.H. *et al.*, *J.C.S.*, 1949, 595, (*synth*)

Rondesvedt, C.S., *J.O.C.*, 1976, **41**, 3569, (*synth*)