



>>Entry Name: 1,1-Dibromo-1-chloro-2,2,2-trifluoroethane, 9Cl

CAS Registry Number: 754-17-6

Related CAS Registry Numbers(s): 29256-79-9

$\text{F}_3\text{CCBr}_2\text{Cl}$

Molecular Formula: $\text{C}_2\text{Br}_2\text{ClF}_3$

Molecular Weight: 276.278

Accurate Mass: 273.840733

Percentage Composition: C 8.69%; Br 57.84%; Cl 12.83%; F 20.63%

Use/Importance: Shows fire-extinguishing props.

Melting Point: Mp 42-45°

Boiling Point: Bp 92-95°

Hazard & Toxicity: Irritant

References:

Paleta, O. *et al.*, *Coll. Czech. Chem. Comm.*, 1970, **35**, 1302, (*synth*)

Naae, D.G. *et al.*, *Org. Mass Spectrom.*, 1974, **9**, 1203, (*ms*)

Okuhara, K., *J.O.C.*, 1978, **43**, 2745, (*synth*, *F-19 nmr*)