



>>Entry Name: 3,3-Dichloro-1,1,1-trifluoropropane, 9Cl

CAS Registry Number: 460-69-5

$\text{F}_3\text{CCH}_2\text{CHCl}_2$

Molecular Formula: $\text{C}_3\text{H}_3\text{Cl}_2\text{F}_3$

Molecular Weight: 166.957

Accurate Mass: 165.956388

Percentage Composition: C 21.58%; H 1.81%; Cl 42.47%; F 34.14%

Use/Importance: Shows anaesthetic props.

Boiling Point: Bp 72-74°

Density: d_4^{20} 1.4408

Refractive Index: n_D^{20} 1.3531

References:

McBee, E.T. *et al.*, *J.A.C.S.*, 1947, **69**, 944-947, (*synth*)

Haszeldine, R.N. *et al.*, *J.C.S.*, 1953, 1199-1206, (*synth, ir*)

Varushchenko, R.M. *et al.*, *Russ. J. Phys. Chem. (Engl. Transl.)*, 1972, **46**, 755, (*props*)

Di Paolo, T. *et al.*, *J. Pharm. Sci.*, 1979, **68**, 39-42, (*pharmacol*)

Tonuma, T. *et al.*, *J. Fluorine Chem.*, 1992, **57**, 259-284, (*synth, pmr, F-19 nmr*)