



>>Entry Name: Decafluorobutane, 9CI

Synonym(s): Perfluorobutane

CAS Registry Number: 355-25-9

$\text{F}_3\text{CCF}_2\text{CF}_2\text{CF}_3$

Molecular Formula: C_4F_{10}

Molecular Weight: 238.028

Accurate Mass: 237.98403

Percentage Composition: C 20.18%; F 79.82%

Physical Description: Gas

Boiling Point: Bp 3.96°

References:

Fowler, R.D. *et al.*, *Ind. Eng. Chem.*, 1947, **39**, 292

Simons, J.H. *et al.*, *J. Chem. Phys.*, 1952, **20**, 1516

Hazeldine, R.N., *J.C.S.*, 1953, 3539, (*synth*)

Bishop, B.C. *et al.*, *J.A.C.S.*, 1963, **85**, 1606, (*synth*)

Baba, H. *et al.*, *Bull. Chem. Soc. Jpn.*, 1978, **51**, 1891, (*synth*)