



>>Entry Name: 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluorooctane, 9CI

Synonym(s): 1*H*-Perfluorooctane

CAS Registry Number: 335-65-9

$\text{F}_3\text{C}(\text{CF}_2)_6\text{CHF}_2$

Molecular Formula: C_8HF_{17}

Molecular Weight: 420.069

Accurate Mass: 419.980676

Percentage Composition: C 22.87%; H 0.24%; F 76.89%

Boiling Point: Bp 110-112°. Bp₁₄₉ 69-70°

Density: d 1.76

References:

U.S. Pat., 1949, 2 490 764; *CA*, **44**, 3003g, (*manuf*)

Haszeldine, R.N. *et al.*, *J.C.S.*, 1953, 3761, (*synth, uv*)