



>>Entry Name: Octadecafluorooctane, 9CI

Synonym(s): Perfluorooctane

CAS Registry Number: 307-34-6

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

Molecular Formula: C_8F_{18}

Molecular Weight: 438.059

Accurate Mass: 437.971254

Percentage Composition: C 21.93%; F 78.07%

Use/Importance: Inert fluid

Melting Point: Mp -25°

Boiling Point: Bp $103\text{-}104^\circ$

Aldrich: 35923-8

References:

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