



>>Entry Name: Dotetracontafluoroeicosane, 9CI

Synonym(s): Perfluoroeicosane

CAS Registry Number: 37589-57-4

$\text{F}_3\text{C}(\text{CF}_2)_{18}\text{CF}_3$

Molecular Formula: $\text{C}_{20}\text{F}_{42}$

Molecular Weight: 1038.153

Accurate Mass: 1037.932926

Percentage Composition: C 23.14%; F 76.86%

Physical Description: Solid

Melting Point: Mp 164°

Aldrich: 26882-8

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 92C, (ir)

Fr. Pat., 1972, 2 116 524; *CA*, **78**, 123980, (synth)