



>>Entry Name: Pentacontafluorotetracosane, 9CI

Synonym(s): Perfluorotetracosane

CAS Registry Number: 1766-41-2

$\text{F}_3\text{C}(\text{CF}_2)_{22}\text{CF}_3$

Molecular Formula: $\text{C}_{24}\text{F}_{50}$

Molecular Weight: 1238.184

Accurate Mass: 1237.92015

Percentage Composition: C 23.28%; F 76.72%

Melting Point: Mp 192° (188-190°)

Aldrich: 26883-6

Fluka: 77298

References:

Starkweather, H.W., *Macromolecules*, 1986, **19**, 1131, (*props*)

Zhang, W.P. *et al.*, *Macromolecules*, 1990, **23**, 4322, (*cryst struct*)

Tomer, K.B. *et al.*, *Int. J. Mass Spectrom. Ion Processes*, 1993, **124**, 99, (*ms*)

Japan. Pat., 1995, 95 48 294; *CA*, **123**, 314158n, (*synth*)