



>>Entry Name: 1-Fluorotetradecane, 9CI

Synonym(s): Tetradecyl fluoride

CAS Registry Number: 593-33-9

$\text{H}_3\text{C}(\text{CH}_2)_{12}\text{CH}_2\text{F}$

Molecular Formula: $\text{C}_{14}\text{H}_{29}\text{F}$

Molecular Weight: 216.381

Accurate Mass: 216.225328

Percentage Composition: C 77.71%; H 13.51%; F 8.78%

Boiling Point: Bp_2 120.4°. $\text{Bp}_{0.75}$ 80-81°

Refractive Index: n_D^{20} 1.4264

Rare Chemicals Library: S92286-2

References:

Macey, W.A.T., *J. Phys. Chem.*, 1960, **64**, 254, (*synth*)

Watanabe, S. *et al.*, *J. Am. Oil Chem. Soc.*, 1983, **60**, 1678; *CA*, **100**, 22317u, (*synth*)

Crowder, G.A. *et al.*, *J. Mol. Struct.*, 1983, **99**, 77, (*ir*)

Shimizu, M. *et al.*, *Tet. Lett.*, 1985, **26**, 4207, (*synth*)

Maeda, H. *et al.*, *Chem. Pharm. Bull.*, 1996, **44**, 1480, (*synth*)

Schaffer, F. *et al.*, *Liebigs Ann./Recl.*, 1997, 1333-1344, (*synth, ir, pmr*)