



>>Entry Name: 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluorooctanol, 9CI

CAS Registry Number: 647-42-7

Related CAS Registry Numbers(s): 2144-53-8 20208-33-7 37858-03-0

F3C(CF2)5CH2CH2OH

Molecular Formula: C8H5F13O

Molecular Weight: 364.106

Accurate Mass: 364.013279

Percentage Composition: C 26.39%; H 1.38%; F 67.83%; O 4.39%

Boiling Point: Bp₃₅ 93°. Bp₂₈ 88-95°. Bp₁₀ 71°

Density: d 1.65

Refractive Index: n_D²⁵ 1.3157

Aldrich: 37053-3

Fluka: 77278

References:

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Blancou, H. *et al.*, *J. Fluorine Chem.*, 1983, **23**, 57, (*synth*)

Serratrice, G. *et al.*, *J. Fluorine Chem.*, 1984, **25**, 275, (*cmr*)

Brace, N.O. *et al.*, *J.O.C.*, 1984, **49**, 2361, (*synth*)

Brace, N.O. *et al.*, *J. Fluorine Chem.*, 1986, **31**, 151-174, (*synth*)

Boutevin, B. *et al.*, *J. Fluorine Chem.*, 1987, **38**, 47, (*synth*, *esters*)

Huang, W. *et al.*, *Chin. J. Chem.*, 1990, 281-288; *CA*, **114**, 23357h, (*synth*)

Ribeiro, A.A. *et al.*, *J. Magn. Reson., Ser. A*, 1995, **117**, 257-261, (*cmr*)