



>>Entry Name: 2,2,3,3,4,4,5,5,6,6,7,7-Dodecafluoro-1-heptanol, 9CI

CAS Registry Number: 335-99-9

$\text{F}_2\text{CH}(\text{CF}_2)_5\text{CH}_2\text{OH}$

Molecular Formula: $\text{C}_7\text{H}_4\text{F}_{12}\text{O}$

Molecular Weight: 332.089

Accurate Mass: 332.007051

Percentage Composition: C 25.32%; H 1.21%; F 68.65%; O 4.82%

Use/Importance: Very hydrophobic solvent. Used in synthesis of water-repellant polyesters and polyamides and in special rubbers for aircraft use. Catalyst in paraffin alkylation

Boiling Point: Bp 169-170°

References:

U.S. Pat., 1951, 2 559 628; *CA*, **46**, 3063c, (*synth*)

Landesman, H. *et al.*, *Inorg. Chem.*, 1964, **3**, 896-898, (*pmr*)

U.S. Pat., 1964, 3 157 605; *CA*, **62**, 5193c, (*synth*)