



>>Entry Name: 3,3,4,4,5,5,6,6,7,7,8,8,8-Tridecafluoro-1-octene, 9CI

CAS Registry Number: 25291-17-2

$\text{F}_3\text{C}(\text{CF}_2)_5\text{CH}=\text{CH}_2$

Molecular Formula: $\text{C}_8\text{H}_3\text{F}_{13}$

Molecular Weight: 346.091

Accurate Mass: 346.002714

Percentage Composition: C 27.76%; H 0.87%; F 71.36%

Boiling Point: $\text{Bp}_{160} 56^\circ$

Density: d 1.52

Refractive Index: $n_D^{20} 1.2950$

Aldrich: 37056-8

Fluka: 77307

References:

Von Werner, K. *et al.*, *J. Fluorine Chem.*, 1981, **19**, 163, (*cmr*)

Germain, A. *et al.*, *Tetrahedron*, 1981, **37**, 487, (*synth*)

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

U.S. Pat., 1993, 5 274 189; *CA*, **120**, 244102, (*manuf*)