



>>Entry Name: 1,1,1,3,4,4,5,5,5-Nonafluoro-2-(trifluoromethyl)-2-pentene, 9CI

Synonym(s): Perfluoro-2-methyl-2-pentene

CAS Registry Number: 1584-03-8

$(F_3C)_2C=CF CF_2 CF_3$

Molecular Formula: C_6F_{12}

Molecular Weight: 300.047

Accurate Mass: 299.980836

Percentage Composition: C 24.02%; F 75.98%

Physical Description: Liq.

Boiling Point: Bp 51-60°

References:

Chambers, R.D. *et al.*, *J.C.S.(C)*, 1968, 2221-2227, (*synth*, *F-19 nmr*)

England, D.C., *J.O.C.*, 1981, **46**, 147-153, (*synth*)

Scherer, K.V., *J.O.C.*, 1981, **46**, 2379-2381, (*synth*)