



>>Entry Name: **1,1,1,2,2-Pentafluoropropane**

Synonym(s): Refrigerant 245

CAS Registry Number: 1814-88-6

$\text{F}_3\text{CCF}_2\text{CH}_3$

Molecular Formula: $\text{C}_3\text{H}_3\text{F}_5$

Molecular Weight: 134.049

Accurate Mass: 134.01549

Percentage Composition: C 26.88%; H 2.26%; F 70.86%

Use/Importance: Refrigerant

Boiling Point: Bp -18° approx.

References:

Shank, R.L., *J. Chem. Eng. Data*, 1967, **12**, 474, (*props*)

U.S. Pat., 1968, 3 381 042; *CA*, **69**, 26746, (*synth*)