



>>Entry Name: 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12-Pentacosafuoro-12-iodododecane, 9CI

Synonym(s): Pentacosafuoro-1-iodododecane, 8CI. Perfluorododecyl iodide

CAS Registry Number: 307-60-8

$\text{F}_3\text{C}(\text{CF}_2)_{10}\text{CF}_2\text{I}$

Molecular Formula: $\text{C}_{12}\text{F}_{25}\text{I}$

Molecular Weight: 745.996

Accurate Mass: 745.864548

Percentage Composition: C 19.32%; F 63.67%; I 17.01%

Melting Point: Mp 99-101°

Boiling Point: Bp₁₈ 108-110°

Aldrich: 25783-4

Fluka: 77269

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **1**, 92B

Haszeldine, R.N., *J.C.S.*, 1953, 3761, (*synth*)