



>>Entry Name: 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10-Heneicosafuoro-10-iododecane

Synonym(s): Perfluorodecyl iodide

CAS Registry Number: 423-62-1

$\text{F}_3\text{C}(\text{CF}_2)_8\text{CF}_2\text{I}$

Molecular Formula: $\text{C}_{10}\text{F}_{21}\text{I}$

Molecular Weight: 645.981

Accurate Mass: 645.870936

Percentage Composition: C 18.59%; F 61.76%; I 19.65%

Melting Point: Mp 65-67°

Boiling Point: Bp 195-200°. Bp₄₅ 102-106°

Aldrich: 25784-2

References:

Aldrich Library of FT-IR Spectra, 1st edn., 1985, **3**, 130D

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

U.S. Pat., 1968, 3 404 189; *CA*, **70**, 11105, (*synth*)