



>>Entry Name: 1-Iodo-1,1,2,2,3,3,4,4,4-nonafluorobutane

Synonym(s): 1,1,2,2,3,3,4,4,4-Nonafluorobutyl iodide. Perfluorobutyl iodide

CAS Registry Number: 423-39-2

$\text{F}_3\text{CCF}_2\text{CF}_2\text{CF}_2\text{I}$

Molecular Formula: $\text{C}_4\text{F}_9\text{I}$

Molecular Weight: 345.934

Accurate Mass: 345.8901

Percentage Composition: C 13.89%; F 49.43%; I 36.68%

Use/Importance: Used in the manufacture of fluorocarbon polymers

Boiling Point: Bp 67°

Aldrich: 31784-5

Fluka: 77256

References:

U.S. Pat., 1952, 2 614 131; *CA*, **47**, 8770d, (*synth*)

Haszeldine, R., *J.C.S.*, 1953, 3559, (*uv*)

Nodiff, E. *et al.*, *J.O.C.*, 1953, **18**, 235, (*props*)

U.S. Pat., 1963, 3 083 224; *CA*, **59**, 5023g, (*manuf*)

Ulm, K., *Spec. Chem.*, 1988, **8**, 418; *CA*, **110**, 5988z, (*rev*)