



>>Entry Name: 1,1,2,2,3,3,4,4,5,5,6,6-Dodecafluoro-1,6-diiodohexane

Synonym(s): 1,6-Diodoperfluorohexane

CAS Registry Number: 375-80-4

$\text{ICF}_2(\text{CF}_2)_4\text{CF}_2\text{I}$

Molecular Formula: $\text{C}_6\text{F}_{12}\text{I}_2$

Molecular Weight: 553.856

Accurate Mass: 553.789782

Percentage Composition: C 13.01%; F 41.16%; I 45.83%

Melting Point: Mp 25°

Boiling Point: Bp₁₀₀ 115°

Density: d^{30} 2.36

Refractive Index: n_D^{30} 1.3980

References:

Haszeldine, R.N., *J.C.S.*, 1953, 1764, (*uv*)

Knunyants, I.L. *et al.*, *Izv. Akad. Nauk Kaz. SSR, Ser. Khim.*, 1964, 384; *CA*, **60**, 11883h, (*synth*)