



>>Entry Name: **1,1,2,2,3,3,4,4-Octafluoro-1,4-diiodobutane**

Synonym(s): 1,4-Diiodoperfluorobutane

CAS Registry Number: 375-50-8

ICF2CF2CF2CF2I

Molecular Formula: $C_4F_8I_2$

Molecular Weight: 453.84

Accurate Mass: 453.79617

Percentage Composition: C 10.59%; F 33.49%; I 55.92%

Use/Importance: Patented for use as hydraulic fluid and in preparation of special rubbers

Melting Point: Mp -9°

Boiling Point: Bp₁₀₀ 85°

Refractive Index: n_D²⁰ 1.4300

References:

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

Hauptschein, M. *et al.*, *J.O.C.*, 1953, **18**, 235, (*synth*)