

FC-007 (CAS 2043-57-4)

1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-8-iodooctane

BASIC
INFORMATI
ON

Cas: 2043-57-4

Name: 1,1,1,2,2,3,3,4,4,5,5,6,6-Tridecafluoro-8-iodooctane
,2-perfluorohexyl-1-iodoethane; 1H,1H,2H,2H-Perfluoro-1-iodo-n-o
ctane; 1H,1H,2H,2H-Perfluoro-n-octylIodide; 1-iodo-1H,1H,2H,2H-perfluorooctane; 1,1,1,2,2,3,3,4,4,5,5,6,6
,-tridecafluoro-8-iodooctane; 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoroo
ctyliodide; 8-Iodo-1,1,1,2,2,3,3,4,4,5,5,6,6-tridecafluorooctane; 1H,1H,2
H,2H-Perfluorooctyliodide; 3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluoro-1-iodooctane; 1H,1H,2
H,2H-Tridecafluoro-1-iodo-n-octane; 1H,1H,2H,2H-Tridecafluoro-n-
octyl Iodide;Molecular formula: C₈H₄F₁₃I

Mol. wt.: 474.00100

Exact Mass: 473.91500

PSA: 0.00000

LOGP: 5.55030

PHYSICAL
INDEX

Appearance: Golden liquid

Density (g/cm³): 1.934 g/mL at 25 °C(lit.)

Boiling point (°C): : 92 °C45 mm Hg(lit.)

Melting point: 21 °C

Flash(ing) point: 177 °F

Refractive index: n₂₀/D 1.359(lit.)

Water solubility: insoluble

Stability: May discolor on exposure to light.

Storage condition: : Keep away from heat, sparks, and flame. Keep
away from sources of ignition. Store in a tightly closed container.Store in a cool, dry, well-ventilated area away from incompatible
substances.

vapor pressure: 1.29mmHg at 25°C

SECURITY**INFORMATIO**

Safety instruction: : S26-S36-S37/39

WGK Germany: 3

Hazard class code: R36/37/38

HS code: 2903799090

Dangerous mark: Xi

Risk description: H315; H319; H335

Signal word: Warning

Danger sign: GHS07

Hazard prevention statement: P261; P305 + P351 + P338