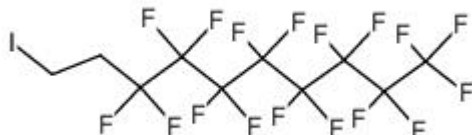


## FC-008 (CAS 2043-53-0)

## 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane


**BASIC  
INFORMATION**

Cas: 2043-53-0

Name: 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-Heptadecafluoro-10-iododecane; 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-1-iododecane; 2-(perfluorooctyl)ethyl

iodide; 1,1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8-heptadecafluoro-10-iododecane; 1-iodo-1H,1H,2H,2H-perfluorodecane; 1-perfluorooctyl-2-iodoethane; 1H,1H,2H,2H-Perfluoro-1-decyl

iodide; 1H,1H,2H,2H-Heptadecafluorodecyl

iodide; 1H,1H,2H,2H-perfluoro-1-iododecane; 1H,1H,2H,2H-perfluorodecyl

iodide; 1H,1H,2H,2H-Heptadecafluoro-1-iododecane; EINECS 218-053-5;

Molecular formula: C<sub>10</sub>H<sub>4</sub>F<sub>17</sub>I

Mol. wt.: 574.01600

PSA: 0.00000

LOGP: 6.82090

**PHYSICAL  
INDEX**

Appearance: Yellowish brown solid

Density (g/cm<sup>3</sup>): 1.88g/ml

Boiling point (°C): 178 °C

Melting point: 54-58 °C(lit.)

Flash(ing) point: 92-96°C/12mm

Refractive index: 1.3388 (60°C)

Stability: Stable.

Storage condition: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. Store protected from light.

vapor pressure: 0.00109mmHg at 25°C

**SECURITY**

Safety instruction: S26-S37/39

WGK Germany: 3

**INFORMATION**

Hazard class code: R36/37/38

HS code: 2903799090

Dangerous mark: Xi

**PRODUCTION**

Use

**METHODS AND**

Mainly used in the production of perfluoroalkyl ethyl iodide

**APPLICATION**