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Typical Product Specifications & Properties

1-Iododecane

CAS Number: : 2050-77-3

Specifications	Limits
Molecular weight	268.18
EINECS	218-104-1
SMILES	C(CCCCC)CCCCI
InChI	1S/C10H21I/c1-2-3-4-5-6-7-8-9-10-11/h2-10H2,1H3
InChIKey	SKIDNYUZJPMKFC-UHFFFAOYSA-N
Melting Point	-1.63E+01 ° C
Water solubility	0.138 mg/L
Henry's Law Constant	0.070 atm-m ³ /mole
log P (octanol-water)	6.010
Atmospheric OH Rate Constant	1.09E-11 cm ³ /molecule-sec
Boiling Point	132 °C/15 mm Hg
Sensitive	Light Sensitive



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Specifications	Limits
Density	1.257 g/mL at 25 °C
Refractive Index	1.485
Melting Point	-16?
Flash Point	>230 °F
BRN Number	1735228
Vapor Density	>5
Vapor Pressure	0.01 mm Hg (20 °C)
Water solubility	Immiscible with water.
Chemical Structure	 44854 44854_1-iododecane.png chemical structure



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