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Typical Product Specifications & Properties

Cyclooctane, Chloro-

CAS Number: : 1556-08-7


Specifications	Limits
Molecular weight	146.66
EINECS	216-309-0
InChI	1S/C8H15Cl/c9-8-6-4-2-1-3-5-7-8/h8H,1-7H2
InChIKey	LDOZEEFSUYHNPM-UHFFFAOYSA-N
Molecular weight	156.27
EINECS	216-074-4
SMILES	CC(C)[C@@H]1CC[C@@H](C)C[C@H]1O
InChI	1S/C10H20O/c1-7(2)9-5-4-8(3)6-10(9)11/h7-11H,4-6H2,1-3H3/t8-,9+,10-/m1/s1
InChIKey	NOOLISFMXDJSKH-KXUCPTDWSA-N
Water solubility	456 mg/L
Henry's Law Constant	1.52E-05 atm-m ³ /mole
Melting Point	35 ° C





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Specifications	Limits
Boiling Point	212 ° C
log P (octanol-water)	3.4
Atmospheric OH Rate Constant	2.41E-11 cm ³ /molecule-sec
Flash Point	200 °F
Melting Point	34-36 °C
FEMA	2665
Boiling Point	216 °C
Density	0.89 g/mL at 25 °C
Vapor Pressure	0.8 mm Hg (20 °C)
Chemical Structure	 60039 60039_cyclooctane-chloro-.png chemical structure



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