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Typical Product Specifications & Properties

Cyclopentadecane

CAS Number: : 295-48-7

Specifications	Limits
Molecular weight	210.40
InChI	1S/C15H30/c1-2-4-6-8-10-12-14-15-13-11-9-7-5-3-1/h1-15H2
InChIKey	SRONXYPFSAKOGH-UHFFFAOYSA-N
Melting Point	61.3 ° C
Atmospheric OH Rate Constant	2.12E-11 cm3/molecule-sec
log P (octanol-water)	7.600
Molecular weight	250.25
SMILES	<chem>c1cc(ccc1Cc2ccc(cc2)N=C=O)N=C=O</chem>
InChI	1S/C15H10N2O2/c18-10-16-14-5-1-12(2-6-14)9-13-3-7-15(8-4-13)17-11-19/h1-8H,9H2
InChIKey	UPMLOUAZCHDJJD-UHFFFAOYSA-N
Flash Point	196 ° C
Boiling Point	392 ° C



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Specifications	Limits
Density	1.19
Melting Point	38-44 °C
BRN Number	797662
Water solubility	decomposes
Stability	Stable. Combustible. Incompatible with strong oxidizing agents. Reacts violently with alcohols.
Sensitive	Moisture Sensitive/Lachrymatory
Freezing Point	37?
Storage Temperature	Refrigerator
Freezing Point	37?
Vapor Pressure	5.00E-06 mm Hg
Henry's Law Constant	8.95E-07 atm-m3/mole
Melting Point	38 ° C



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Specifications	Limits
log P (octanol-water)	5.220
Water solubility	0.829 mg/L
Atmospheric OH Rate Constant	1.20E-11 cm ³ /molecule-sec



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