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Typical Product Specifications & Properties

Thianthrene

CAS Number: : 92-85-3

Specifications	Limits
Molecular weight	216.32
EINECS	202-197-0
SMILES	<chem>c12c(Sc3ccccc3S1)cccc2</chem>
InChI	1S/C12H8S2/c1-2-6-10-9(5-1)13-11-7-3-4-8-12(11)14-10/h1-8H
InChIKey	GVIJXXMXTUZIOD-UHFFFAOYSA-N
Vapor Pressure	3.10E-05 mm Hg
Atmospheric OH Rate Constant	1.54E-11 cm ³ /molecule-sec
Water solubility	0.426 mg/L
Boiling Point	365 ° C
Melting Point	159.3 ° C
log P (octanol-water)	4.47
Henry's Law Constant	8.30E-07 atm-m ³ /mole



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Specifications	Limits
Boiling Point	364-366 °C
Melting Point	151-155 °C
Solubility	DMF: soluble
Storage Temperature	Store below +30°C.



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