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Typical Product Specifications & Properties

Dibenzo[a,i]pyrene

CAS Number: : 189-55-9

Specifications	Limits
Molecular weight	302.37
EINECS	205-877-5
SMILES	<chem>c12c3c4c5c(cccc5)cc3ccc2cc2c(c1cc4)cccc2</chem>
InChI	TUGYIJVAYAHHMH-UHFFFAOYSA-N
InChIKey	1S/C24H14/c1-3-7-19-15(5-1)13-17-9-10-18-14-16-6-2-4-8-20(16)22-12-11-21(19)23(17)24(18)22/h1-14H
Water solubility	5.54E-04 mg/L
Melting Point	281.5 ° C
Henry's Law Constant	1.41E-08 atm-m ³ /mole
Atmospheric OH Rate Constant	5.00E-11 cm ³ /molecule-sec
log P (octanol-water)	7.280
Vapor Pressure	1.78E-11 mm Hg
Chemical Structure	 149071_149071_dibenzo-a-i-pyrene.png chemical structure



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