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Typical Product Specifications & Properties

Dibenzo(a,e)pyrene

CAS Number: : 192-65-4

Specifications	Limits
Chemical Structure	 148935_148935_dibenzo-a-e-pyrene.png chemical structure
Molecular weight	302.37
EINECS	205-891-1
SMILES	<chem>c12c3c4c5ccccc5c1cc1ccccc1c2ccc3ccc4</chem>
InChI	KGHMWBNEMFNJFZ-UHFFFAOYSA-N
InChIKey	1S/C24H14/c1-2-8-17-16(6-1)14-22-19-10-4-3-9-18(19)20-11-5-7-15-12-13-21(17)24(22)23(15)20/h1-14H
Henry's Law Constant	1.41E-08 atm-m ³ /mole
Vapor Pressure	7.03E-11 mm Hg
Melting Point	233.5 ° C
log P (octanol-water)	7.280
Water solubility	8.02E-05 mg/L
Atmospheric OH Rate Constant	5.00E-11 cm ³ /molecule-sec



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