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## Typical Product Specifications & Properties

# Benzo[ghi]perylene

CAS Number: : 191-24-2

Specifications	Limits
Molecular weight	276.33
EINECS	205-883-8
SMILES	<chem>c12c3c4c5cccc4ccc3ccc2ccc2c1c5ccc2</chem>
InChI	1S/C22H12/c1-3-13-7-9-15-11-12-16-10-8-14-4-2-6-18-17(5-1)19(13)21(15)22(16)20(14)18/h1-12H
InChIKey	GYFAGKUZYNFMBN-UHFFFAOYSA-N
Atmospheric OH Rate Constant	8.69E-11 cm <sup>3</sup> /molecule-sec
Henry's Law Constant	3.31E-07 atm-m <sup>3</sup> /mole
Vapor Pressure	1.00E-10 mm Hg
Boiling Point	>500 °C
log P (octanol-water)	6.63
Melting Point	278 °C
Water solubility	2.60E-04 mg/L



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