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Typical Product Specifications & Properties

BENZO(E)ACEPHENANTHRYLENE

CAS Number: : 205-99-2

Specifications	Limits
Molecular weight	252.31
EINECS	205-911-9
SMILES	<chem>c12c3c4ccccc4c1cccc2c1ccccc1c3</chem>
InChI	FTOVXSOBNPWTSH-UHFFFAOYSA-N
InChIKey	1S/C20H12/c1-2-7-14-13(6-1)12-19-16-9-4-3-8-15(16)18-11-5-10-17(14)20(18)19/h1-12H
Atmospheric OH Rate Constant	1.86E-11 cm ³ /molecule-sec
Melting Point	168 °C
Water solubility	0.0015 mg/L
log P (octanol-water)	5.78
Henry's Law Constant	6.57E-07 atm-m ³ /mole
Vapor Pressure	5.00E-07 mm Hg
Stability	Stable. Incompatible with strong oxidizing agents.



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Specifications	Limits
Boiling Point	481°C
Storage Temperature	APPROX 4°C
Flash Point	-18 °C
Melting Point	163-165 °C



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