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Typical Product Specifications & Properties

1,2-Benzanthracene

CAS Number: : 56-55-3

Specifications	Limits
Molecular weight	228.29
EINECS	200-280-6
SMILES	<chem>c12c3c(ccc1cc1ccccc1c2)cccc3</chem>
InChI	1S/C18H12/c1-2-7-15-12-18-16(11-14(15)6-1)10-9-13-5-3-4-8-17(13)18/h1-12H
InChIKey	DXBHBZ VCASKNBY-UHFFFAOYSA-N
Water solubility	0.0094 mg/L
Atmospheric OH Rate Constant	5.00E-11 cm ³ /molecule-sec
Henry's Law Constant	1.20E-05 atm-m ³ /mole
Vapor Pressure	2.10E-07 mm Hg
log P (octanol-water)	5.76
Boiling Point	437.6 ° C
Melting Point	84 ° C



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Specifications	Limits
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Density	1.274 g/cm ³
Boiling Point	437.6 °C
Storage Temperature	APPROX 4°C
Melting Point	157-159 °C
Flash Point	-18 °C
Merck	1062



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