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## Typical Product Specifications & Properties

# Dibenz[a,h]anthracene

CAS Number : 53-70-3

Specifications	Limits
Molecular weight	278.35
EINECS	200-181-8
SMILES	<chem>c1ccc2c(c1)ccc3cc4c(ccc5ccccc45)cc23</chem>
InChI	LHRCREOYAASXPZ-UHFFFAOYSA-N
InChIKey	1S/C22H14/c1-3-7-19-15(5-1)9-11-17-14-22-18(13-21(17)19)12-10-16-6-2-4-8-20(16)22/h1-14H
Storage Temperature	APPROX 4&deg;C
Melting Point	262-265 &deg;C
Flash Point	-18 &deg;C
Merck	14,3007
Stability	Stable. Combustible. Incompatible with strong oxidizing agents.
Density	1.282 g/cm <sup>3</sup>
Boiling Point	524 &deg;C



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Specifications	Limits
Atmospheric OH Rate Constant	5.00E-11 cm <sup>3</sup> /molecule-sec
log P (octanol-water)	6.75
Boiling Point	524 &deg; C
Water solubility	0.00249 mg/L
Henry's Law Constant	1.23E-07 atm-m <sup>3</sup> /mole
Vapor Pressure	1.00E-10 mm Hg
Melting Point	269.5 &deg; C



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