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Typical Product Specifications & Properties

1,3,5-Triphenylbenzene

CAS Number: : 612-71-5

Specifications	Limits
Molecular weight	306.40
EINECS	210-318-3
SMILES	<chem>c1(c2ccccc2)cc(c2ccccc2)cc(c1)c1ccccc1</chem>
InChI	1S/C24H18/c1-4-10-19(11-5-1)22-16-23(20-12-6-2-7-13-20)18-24(17-22)21-14-8-3-9-15-21/h1-18H
InChIKey	SXWIAEOZZQADEY-UHFFFAOYSA-N
Henry's Law Constant	2.44E-06 atm-m ³ /mole
Melting Point	176 ° C
log P (octanol-water)	7.280
Boiling Point	462 ° C
Vapor Pressure	1.78E-09 mm Hg
Water solubility	6.77E-03 mg/L
Atmospheric OH Rate Constant	2.04E-11 cm ³ /molecule-sec



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Specifications	Limits
Melting Point	172-174 °C
Solubility	Solubility in toluene is almost transparent.
Boiling Point	460 °C
Flash Point	238 °C



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