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Typical Product Specifications & Properties

p-Dimethylaminoazobenzene

CAS Number: : 60-11-7

Specifications	Limits
Molecular weight	225.29
SMILES	<chem>c1(\N=N\c2ccccc2)ccc(N(C)C)cc1</chem>
BRN Number	746016
Stability	Stable, but heat and light sensitive. Incompatible with strong oxidizing agents, strong acids.
Water solubility	13.6 mg/L
Merck	14,3229
Colour Index	11020
Storage Temperature	Store at room temperature.
Melting Point	111 °C (dec.)
pKa Dissociation Constant	2.96
Henry's Law Constant	4.00E-10 atm-m ³ /mole
Melting Point	117 °C



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Specifications	Limits
log P (octanol-water)	4.58
Water solubility	0.23 mg/L
Atmospheric OH Rate Constant	1.50E-10 cm ³ /molecule-sec
Form	Powder
Color	Yellow



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