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Typical Product Specifications & Properties

Janus Green B

CAS Number: : 2869-83-2

Specifications	Limits
Molecular weight	511.07
EINECS	220-695-6
SMILES	<chem>[ClH-].c1(cc2[n+](c3ccccc3)c3c(ccc(\N=N/c4ccc(cc4)N(C)C)c3)nc2cc1)N(C</chem>
InChI	XXACTDWGHQXLGW-UHFFFAOYSA-M
InChIKey	1S/C30H31N6.ClH/c1-5-35(6-2)26-17-19-28-30(21-26)36(25-10-8-25)29-20-23(14-18-27(29)31-28)33-32-22-12-15-24(16-13-22)34(3,21H,5-6H2,1-4H3;1H/q+1;/p-1
Atmospheric OH Rate Constant	1.99E-10 cm ³ /molecule-sec
log P (octanol-water)	2.840
Merck	14,5255
Color	=10(APHA)
Stability	Stable. Incompatible with strong oxidizing agents.
Melting Point	160 °C (dec.)
Water solubility	Soluble in water (20 mg/ml at 20°C), ethanol, and slightly soluble in alcohol.



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Specifications	Limits
Vapor Pressure	2.6 mm Hg (20 °C)
Colour Index	11050
Solubility	H2O: 1 M hot, clear, colorless



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