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Typical Product Specifications & Properties

Rhodamine B

CAS Number: : 81-88-9

Specifications	Limits
Molecular weight	479.01
EINECS	201-383-9
InChI	1S/C28H30N2O3.ClH/c1-5-29(6-2)19-13-15-23-25(17-19)33-26-18-20(30(7-3)8-4)14-16-24(26)27(23)21-11-9-10-12-22(21)28(31)32;/h9-18H,5-8H2,1-4H3;1H
InChIKey	PYWVYCXTNDRMGF-UHFFFAOYSA-N
Atmospheric OH Rate Constant	2.37E-10 cm ³ /molecule-sec
Vapor Pressure	1.89E-19 mm Hg
Melting Point	165 ° C
log P (octanol-water)	1.95
Water solubility	1.20E+04 mg/L
Solubility	H ₂ O: soluble 1mg/mL
Merck	14,8183
Melting Point	210-211 (dec.)



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Specifications	Limits
Stability	Stable. Incompatible with strong oxidizing agents.
Storage Temperature	Store at room temperature.
Color	Green
Form	Solid
Colour Index	45170
Water solubility	SOLUBLE
Flash Point	12 °C
BRN Number	4119648
Density	0.79 g/mL at 20 °C



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