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Typical Product Specifications & Properties

Fluorescamine

CAS Number: : 38183-12-9

Specifications	Limits
Molecular weight	278.26
EINECS	253-814-5
SMILES	<chem>c12[C@@]3(C(C(C4CCCCC4)=CO3)=O)OC(=O)c1cccc2</chem>
InChI	1S/C17H10O4/c18-15-13(11-6-2-1-3-7-11)10-20-17(15)14-9-5-4-8-12(14)16(19)21-17/h1-10H
InChIKey	ZFKJVJIDPQDDFY-UHFFFAOYSA-N
Melting Point	154.5 ° C
log P (octanol-water)	2.900
Atmospheric OH Rate Constant	1.07E-10 cm ³ /molecule-sec
Solubility	acetonitrile: soluble
Form	powder
Merck	14,4158
Melting Point	153-157 °C



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Specifications	Limits
Flash Point	-17 °C
Storage Temperature	2-8°C
Color	off-white to yellow
Stability	Stable. Incompatible with strong oxidizing agents.
Water solubility	Soluble in acetone, ethanol, chloroform, dimethylsulfoxide and acetonitrile. Slightly soluble in water.



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