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Typical Product Specifications & Properties

2,4,7-Trinitrofluoren-9-one

CAS Number: : 129-79-3

Specifications	Limits
Molecular weight	315.19
SMILES	<chem>c12c3c(cc([N+](=O)[O-])cc3)C(c1cc([N+](=O)[O-])cc2[N+](=O)[O-])=O</chem>
InChI	1S/C13H5N3O7/c17-13-9-3-6(14(18)19)1-2-8(9)12-10(13)4-7(15(20)21)5-11(12)16(22)23/h1-5H
InChIKey	VHQGURIJMF PBKS-UHFFFAOYSA-N
log P (octanol-water)	2.42
Melting Point	176 ° C
Water solubility	2.710 mg/L
Atmospheric OH Rate Constant	2.06E-13 cm ³ /molecule-sec
Henry's Law Constant	4.16E-14 atm-m ³ /mole
Vapor Pressure	2.92E-10 mm Hg



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415 Huguenot Street, New Rochelle, New York 10801

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