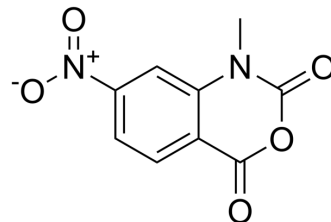


1-Methyl-7-nitroisatoic anhydride

Cat. No.:	HY-D0913
CAS No.:	73043-80-8
Molecular Formula:	C ₉ H ₆ N ₂ O ₅
Molecular Weight:	222.15
Target:	Fluorescent Dye
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (225.07 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	4.5015 mL	22.5073 mL	45.0146 mL
	5 mM	0.9003 mL	4.5015 mL	9.0029 mL
	10 mM	0.4501 mL	2.2507 mL	4.5015 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

1-methyl-7-nitroisatoic anhydride (1M7) is a reagent that detects local nucleotide flexibility, for probing 2'-hydroxyl reactivity.

CUSTOMER VALIDATION

- Plant Cell. 2021 Jan 25.
- Cell Chem Biol. 25 August 2021.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA