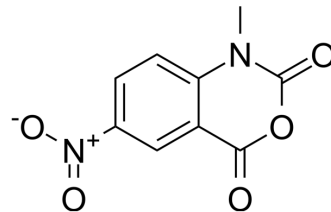


1M6

Cat. No.:	HY-W200545		
CAS No.:	4693-01-0		
Molecular Formula:	C ₉ H ₆ N ₂ O ₅		
Molecular Weight:	222.15		
Target:	Biochemical Assay Reagents		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (450.15 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.

In Vivo

- Add each solvent one by one: 10% DMSO >> 40% PEG300 >> 5% Tween-80 >> 45% saline
Solubility: ≥ 2.5 mg/mL (11.25 mM); Clear solution
- Add each solvent one by one: 10% DMSO >> 90% (20% SBE-β-CD in saline)
Solubility: 2.5 mg/mL (11.25 mM); Suspended solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

1M6 is a reagent used for chemical detection of RNA structure^[1].

REFERENCES

- [1]. Eugene YEO, et, al. Methods of identifying protein binding sites on rna. WO2022067036.

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

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