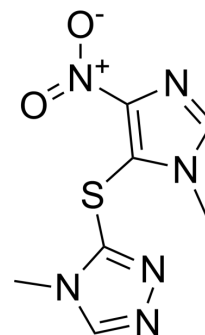


MNITMT

Cat. No.:	HY-110044
CAS No.:	177653-76-8
Molecular Formula:	C ₇ H ₈ N ₆ O ₂ S
Molecular Weight:	240.24
Target:	Others
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 : 5 mg/mL (20.81 mM; ultrasonic and warming and adjust pH to 5 with HCl and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.1625 mL	20.8125 mL	41.6250 mL
	5 mM	0.8325 mL	4.1625 mL	8.3250 mL
	10 mM	0.4163 mL	2.0813 mL	4.1625 mL

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

BIOLOGICAL ACTIVITY

Description

MNITMT is a more potent immunosuppressive agent without bone marrow toxicity^[1].

REFERENCES

[1]. Saafan Al-Safi, et al. Comparison of the effects of azathioprine and its novel non-mercaptopurine analog on antibody response in rabbits. 2022/4/11 Pol J Pharmacol. Mar-Apr 2003;55(2):239-43.

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

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