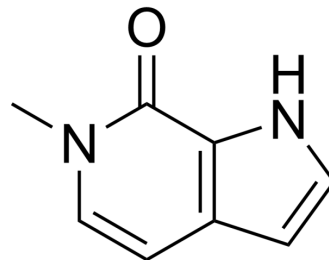


N-Methyl lactam

Cat. No.:	HY-W054223		
CAS No.:	116212-46-5		
Molecular Formula:	C ₈ H ₈ N ₂ O		
Molecular Weight:	148.16		
Target:	Others		
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 : 5.56 mg/mL (37.53 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	6.7495 mL	33.7473 mL	67.4946 mL
	5 mM	1.3499 mL	6.7495 mL	13.4989 mL
	10 mM	0.6749 mL	3.3747 mL	6.7495 mL

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

BIOLOGICAL ACTIVITY

Description

N-Methyl lactam (Compound 3b), a peramine analogue, has feeding-deterrent activity against adult weevils^[1].

REFERENCES

[1]. Rowan DD, et al. Effect of fungal metabolite peramine and analogs on feeding and development of argentine stem weevil (*Listronotus bonariensis*). *J Chem Ecol.* 1990 May;16(5):1683-95.

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