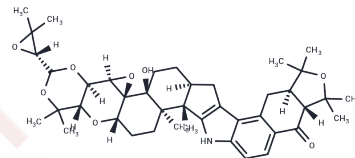


Lolitrem A

Chemical Properties

CAS No. :	81771-20-2
Formula:	C ₄₂ H ₅₅ N ₀ O ₈
Molecular Weight:	701.89
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Lolitrem A is a neurotoxin from staggers-producing ryegrass pastures.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4247 mL	7.1236 mL	14.2472 mL
5 mM	0.2849 mL	1.4247 mL	2.8494 mL
10 mM	0.1425 mL	0.7124 mL	1.4247 mL
50 mM	0.0285 mL	0.1425 mL	0.2849 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

- Gallagher RT, White EP, Mortimer PH. Ryegrass staggers: isolation of potent neurotoxins lolitrem A and lolitrem B from staggers-producing pastures. N Z Vet J. 1981 Oct;29(10):189-90. PubMed PMID: 6950333.
- Mantle PG. Amino acid neurotransmitter release from cerebrocortical synaptosomes of sheep with severe ryegrass staggers in New Zealand. Res Vet Sci. 1983 May;34(3):373-5. PubMed PMID: 6136071.

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