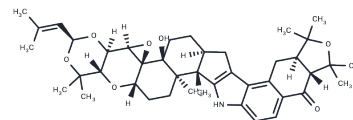


Lolitre B

Chemical Properties

CAS No. : 81771-19-9
Formula: C42H55NO7
Molecular Weight: 685.902
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Lolitre B is one of many toxins produced by a fungus called <i>Epichloë festucae</i> (var. <i>lolii</i>), which grows in perennial ryegrass. The fungus is symbiotic with the ryegrass; it doesn't harm the plant, and the toxins it produces kill insects that feed on ryegrass. Lolitre B is one of these toxins, but it is also harmful to mammals.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4579 mL	7.2897 mL	14.5794 mL
5 mM	0.2916 mL	1.4579 mL	2.9159 mL
10 mM	0.1458 mL	0.729 mL	1.4579 mL
50 mM	0.0292 mL	0.1458 mL	0.2916 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.

Reference

Repussard C, Zbib N, Tardieu D, Guerre P. Ergovaline and lolitre B concentrations in perennial ryegrass in field culture in southern France: distribution in the plant and impact of climatic factors. J Agric Food Chem. 2014 Dec 31;

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