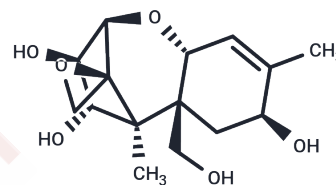


T-2 Tetraol

Chemical Properties

CAS No. :	34114-99-3
Formula:	C ₁₅ H ₂₂ O ₆
Molecular Weight:	298.335
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	T- 2 Tetraol is a T-2 toxin metabolite, and also a trichothecene mycotoxin, with less toxicity and is unable to induce apoptosis.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3519 mL	16.7594 mL	33.5188 mL
5 mM	0.6704 mL	3.3519 mL	6.7038 mL
10 mM	0.3352 mL	1.6759 mL	3.3519 mL
50 mM	0.067 mL	0.3352 mL	0.6704 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

Engler KH, et al. A colorimetric technique for detecting trichothecenes and assessing relative potencies. Appl Environ Microbiol. 1999 May;65(5):1854-7.

Islam Z, et al. Structure-function relationship of T-2 toxin and its metabolites in inducing thymic apoptosis in vivo in mice. Biosci Biotechnol Biochem. 1998 Aug;62(8):1492-7.

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