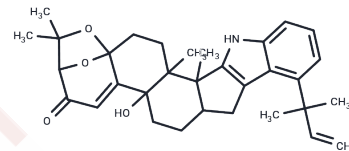


Aflatrem

Chemical Properties

CAS No. :	70553-75-2
Formula:	C ₃₂ H ₃₉ N ₃ O ₄
Molecular Weight:	501.667
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	Aflatrem is a tremorgenic mycotoxin with acute neurotoxic effects, a single low dose of aflatrem is able to induce degeneration of neuronal processes in hippocampal neurotransmitter systems. Aflatrem potentiates the gamma-aminobutyric acid (GABA)-induced chloride current, the potentiating action of aflatrem on the GABAA receptor channel may explain the initial symptoms of intoxication caused by aflatrem in vivo.
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9933 mL	9.9667 mL	19.9334 mL
5 mM	0.3987 mL	1.9933 mL	3.9867 mL
10 mM	0.1993 mL	0.9967 mL	1.9933 mL
50 mM	0.0399 mL	0.1993 mL	0.3987 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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