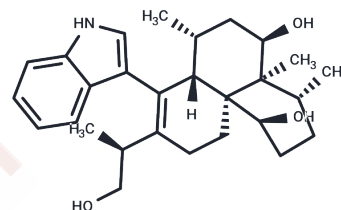


Dihydroxyaflavinine

Chemical Properties

CAS No. :	76410-56-5
Formula:	C ₂₈ H ₃₉ NO ₃
Molecular Weight:	437.624
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	Dihydroxyaflavinine is a fungal toxin, it inhibits non-competitively GABAA receptor channel expressed in <i>Xenopus</i> oocytes. Dihydroxyaflavinine shows oral toxicity to the fall armyworm (<i>Spodoptera frugiperda</i>) and corn earworm (<i>Heliothis zea</i>).
Targets(IC50)	GABA Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2851 mL	11.4254 mL	22.8509 mL
5 mM	0.457 mL	2.2851 mL	4.5702 mL
10 mM	0.2285 mL	1.1425 mL	2.2851 mL
50 mM	0.0457 mL	0.2285 mL	0.457 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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