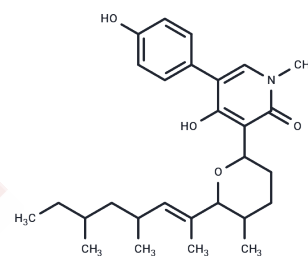


Sambutoxin

Chemical Properties

CAS No. :	160047-56-3
Formula:	C ₂₈ H ₃₉ N ₁ O ₄
Molecular Weight:	453.61
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	Sambutoxin, a new mycotoxin produced by toxic <i>Fusarium</i> isolates obtained from rotted potato tubers, it can cause toxic effects in rats, including body weight loss, feed refusal, hemorrhage in the stomach and intestines, and, finally, death when rats were fed diets supplemented with 0.05 and 0.1% sambutoxin. Sambutoxin has in vitro cytotoxicity against various human and murine tumor cells and values of sambutoxin ranged from 46.2 to 1,425.6 ng/ml. It inhibits rabbit platelet aggregation, which may be partly due to the decrease of ATP release.
Targets(IC50)	Others,Antifungal

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2045 mL	11.0227 mL	22.0454 mL
5 mM	0.4409 mL	2.2045 mL	4.4091 mL
10 mM	0.2205 mL	1.1023 mL	2.2045 mL
50 mM	0.0441 mL	0.2205 mL	0.4409 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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