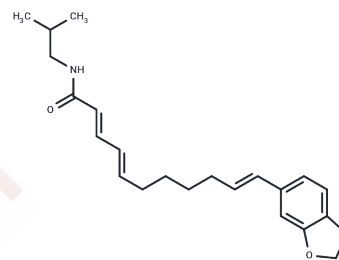


Retrofractamide B

Chemical Properties

CAS No. :	54794-74-0
Formula:	C ₂₂ H ₂₉ NO ₃
Molecular Weight:	355.48
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	Retrofractamide B is a naturally occurring amide compound derived from the fruits of Piper species, characterized by an unsaturated fatty amide structure. Retrofractamide B exhibits larvicidal activity against mosquito larvae and may exert its effects by interfering with the insect nervous system. It is commonly used in natural product pharmacology and bioactivity screening studies.
Targets(IC50)	Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8131 mL	14.0655 mL	28.131 mL
5 mM	0.5626 mL	2.8131 mL	5.6262 mL
10 mM	0.2813 mL	1.4065 mL	2.8131 mL
50 mM	0.0563 mL	0.2813 mL	0.5626 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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