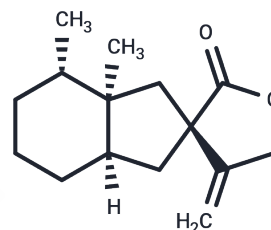


## Bakkenolide A

## Chemical Properties

CAS No. :	19906-72-0
Formula:	C <sub>15</sub> H <sub>22</sub> O <sub>2</sub>
Molecular Weight:	234.33
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	Bakkenolide A has antifeedant and growth inhibitory effects on neonate variegated cutworms, it inhibits leukemia by regulation of HDAC3 and PI3K/Akt-related signaling pathways.
Targets(IC50)	Akt,Caspase,HDAC,GSK-3,IL Receptor,IκB/IKK,PI3K,TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.2675 mL	21.3374 mL	42.6749 mL
5 mM	0.8535 mL	4.2675 mL	8.535 mL
10 mM	0.4267 mL	2.1337 mL	4.2675 mL
50 mM	0.0853 mL	0.4267 mL	0.8535 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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