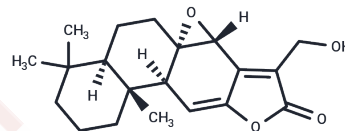


17-Hydroxyjolkinolide A

Chemical Properties

CAS No. :	65388-16-1
Formula:	C ₂₀ H ₂₆ O ₄
Molecular Weight:	330.42
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	17-Hydroxyjolkinolide A (Caudicifolin; Fischeriana A), a compound extracted from spurge roots, functions as an insect feeding inhibitor and effectively deters grain consumption in adult <i>S. zeamais</i> and <i>T. castaneum</i> , with EC ₅₀ values of 631.9 ppm and 656.5 ppm, respectively.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0265 mL	15.1323 mL	30.2645 mL
5 mM	0.6053 mL	3.0265 mL	6.0529 mL
10 mM	0.3026 mL	1.5132 mL	3.0265 mL
50 mM	0.0605 mL	0.3026 mL	0.6053 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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