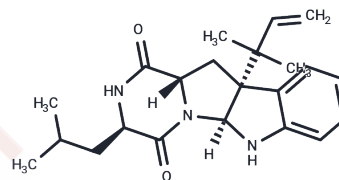


Brevicompanine B

Chemical Properties

CAS No. : 215121-47-4
 Formula: C₂₂H₂₉N₃O₂
 Molecular Weight: 367.48
 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	Brevicompanine B is a fungal metabolite that has plant growth and circadian rhythm regulatory activity. Brevicompanine B inhibits primary root growth in Arabidopsis seedlings and disrupts the transcription of various genes involved in the regulation of plant circadian rhythm. It is active against P. falciparum.
Targets(IC50)	Others,Parasite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7212 mL	13.6062 mL	27.2124 mL
5 mM	0.5442 mL	2.7212 mL	5.4425 mL
10 mM	0.2721 mL	1.3606 mL	2.7212 mL
50 mM	0.0544 mL	0.2721 mL	0.5442 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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