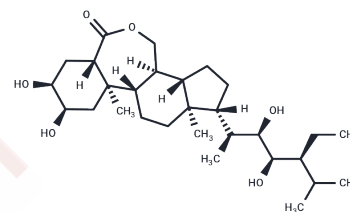


28-High Brassinolide

Chemical Properties

CAS No. :	82373-95-3
Formula:	C ₂₉ H ₅₀ O ₆
Molecular Weight:	494.7
Storage:	Store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	28-High Brassinolide is a naturally occurring compound that functions as a synthetic plant growth regulator and brassinosteroid (BR) analog. 28-High Brassinolide is utilized in plant life sciences due to its high binding affinity for the BRI1 receptor in plants.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 15 mg/mL (30.32 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0214 mL	10.1071 mL	20.2143 mL
5 mM	0.4043 mL	2.0214 mL	4.0429 mL
10 mM	0.2021 mL	1.0107 mL	2.0214 mL
50 mM	0.0404 mL	0.2021 mL	0.4043 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481