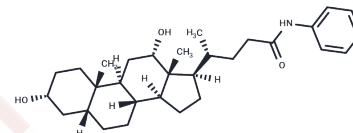


Germination-IN-2

Chemical Properties

CAS No. : 89846-43-5
 Formula: C₃₀H₄₅NO₃
 Molecular Weight: 467.68
 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	Germination-IN-2 (compound 15) is a potent germination inhibitor with an IC ₅₀ of 1.3 μM and demonstrates significant anti-germination effects, reducing the germination rate to 3%.
Targets(IC ₅₀)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1382 mL	10.6911 mL	21.3821 mL
5 mM	0.4276 mL	2.1382 mL	4.2764 mL
10 mM	0.2138 mL	1.0691 mL	2.1382 mL
50 mM	0.0428 mL	0.2138 mL	0.4276 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