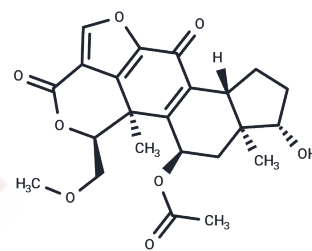


17 β -Hydroxywortmannin

Chemical Properties

CAS No. :	58053-83-1
Formula:	C ₂₃ H ₂₆ O ₈
Molecular Weight:	430.45
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 β -Hydroxywortmannin is an orally active phosphatidylinositol-3-kinase (PI-3-kinase) inhibitor, exhibiting an IC ₅₀ of 0.5 nM and notably suppresses osteoclast resorption at an IC ₅₀ of 10 nM. Additionally, it demonstrates antitumor activity.
Targets(IC ₅₀)	Others,PI3K

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3232 mL	11.6158 mL	23.2315 mL
5 mM	0.4646 mL	2.3232 mL	4.6463 mL
10 mM	0.2323 mL	1.1616 mL	2.3232 mL
50 mM	0.0465 mL	0.2323 mL	0.4646 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