

Praelolide

Chemical Properties

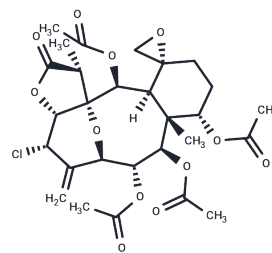
CAS No. :

Formula: C₂₈H₃₅ClO₁₂

Molecular Weight: 599.02

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	Praelolide, a potent Nrf2 activator, disrupts Keap1-Nrf2 protein-protein interactions through noncovalent binding to Keap1, inhibiting osteoclastogenesis and the production of reactive oxygen species (ROS). With its potential in osteoclastogenic bone disease research, Praelolide presents a promising avenue for therapeutic exploration.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6694 mL	8.347 mL	16.6939 mL
5 mM	0.3339 mL	1.6694 mL	3.3388 mL
10 mM	0.1669 mL	0.8347 mL	1.6694 mL
50 mM	0.0334 mL	0.1669 mL	0.3339 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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