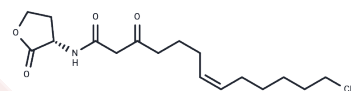


$\Delta 7(Z)$ -C14-HSL

Chemical Properties

CAS No. : 482598-46-9
 Formula: C₁₈H₂₉NO₄
 Molecular Weight: 323.43
 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	$\Delta 7(Z)$ -C14-HSL (Compound 12), an immunosuppressive agent, inhibits the proliferation of mouse splenic cells, exhibiting an IC ₅₀ of 17 μ M. It holds promise for exploring its role as a molecular mechanism in TNF-R-driven immune diseases, including autoimmune disorders like psoriasis, rheumatoid arthritis, and type 1 diabetes [1].
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0919 mL	15.4593 mL	30.9186 mL
5 mM	0.6184 mL	3.0919 mL	6.1837 mL
10 mM	0.3092 mL	1.5459 mL	3.0919 mL
50 mM	0.0618 mL	0.3092 mL	0.6184 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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