

Ellipyrone B

Chemical Properties

CAS No. :

Formula: C₂₅H₃₈O₇

Molecular Weight: 450.57

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	Ellipyrone B, a γ -pyrone-based macrocyclic polyketide with antihyperglycemic properties, demonstrates inhibitory activity against dipeptidyl peptidase-4 (IC ₅₀ = 0.48 mM) [1].
Targets(IC ₅₀)	Others, Proteasome

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2194 mL	11.0971 mL	22.1941 mL
5 mM	0.4439 mL	2.2194 mL	4.4388 mL
10 mM	0.2219 mL	1.1097 mL	2.2194 mL
50 mM	0.0444 mL	0.2219 mL	0.4439 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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