

β -1,4-GALT1-IN-1

Chemical Properties

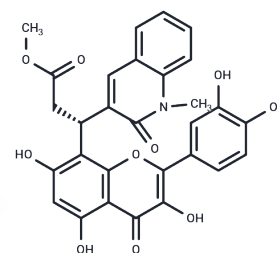
CAS No. :

Formula: C₂₉H₂₃N₃O₁₀

Molecular Weight: 545.494

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	β -1,4-GALT1-IN-1 (Compound 6) is a β -1,4-GALT1 inhibitor with an IC ₅₀ value of 6.2 μ M. It is applicable in studying various pathological conditions, including cancer, autoimmune diseases, and viral infections.
Targets(IC ₅₀)	Transferase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8332 mL	9.1661 mL	18.3321 mL
5 mM	0.3666 mL	1.8332 mL	3.6664 mL
10 mM	0.1833 mL	0.9166 mL	1.8332 mL
50 mM	0.0367 mL	0.1833 mL	0.3666 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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