

Antidiabetic agent 2

Chemical Properties

CAS No. :

Formula: C₂₅H₂₁N₅O₉S₂

Molecular Weight: 599.59

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	Compound 56 (Antidiabetic agent 2) is a glucose-uptake promoter that inhibits DPP-4, PTP-1B, α -amylase, and α -glucosidase, with IC ₅₀ values of 0.036, 0.042, 0.241, and 0.185 μ M, respectively. This agent effectively decreases blood glucose levels [1].
Targets(IC ₅₀)	Proteasome,Glucosidase,Amylase,glycosidase,Phosphatase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6678 mL	8.339 mL	16.6781 mL
5 mM	0.3336 mL	1.6678 mL	3.3356 mL
10 mM	0.1668 mL	0.8339 mL	1.6678 mL
50 mM	0.0334 mL	0.1668 mL	0.3336 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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