

## Stevisalioside A

## Chemical Properties

CAS No. :

Formula: C35H50O15

Molecular Weight: 710.76

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	Stevisalioside A (Compound 2), isolated from the roots of <i>Stevia serrata</i> , is an orally active antidiabetic agent that inhibits Protein Tyrosine Phosphatase 1B (PTP1B) with an IC50 value of 526.8 $\mu$ M. It effectively lowers blood glucose levels and attenuates the postprandial peak observed in oral glucose and insulin tolerance tests in Streptozotocin-induced hyperglycemic mice [1].
Targets(IC50)	Phosphatase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4069 mL	7.0347 mL	14.0694 mL
5 mM	0.2814 mL	1.4069 mL	2.8139 mL
10 mM	0.1407 mL	0.7035 mL	1.4069 mL
50 mM	0.0281 mL	0.1407 mL	0.2814 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.

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