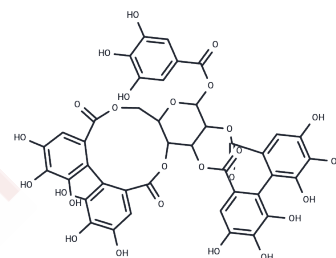


Casuarictin

Chemical Properties

CAS No. :	79786-00-8
Formula:	C ₄₁ H ₂₈ O ₂₆
Molecular Weight:	936.65
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	Casuarictin, a potent competitive inhibitor of α -glucosidase, exhibits an IC ₅₀ of 0.21 μ g/mL and functions as a presenilin stabilization factor-like (PSFL) protein inhibitor, making it relevant in Alzheimer's disease research [1].
Targets(IC ₅₀)	Glucosidase, glycosidase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0676 mL	5.3382 mL	10.6763 mL
5 mM	0.2135 mL	1.0676 mL	2.1353 mL
10 mM	0.1068 mL	0.5338 mL	1.0676 mL
50 mM	0.0214 mL	0.1068 mL	0.2135 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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