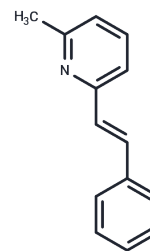


SIB-1893

Chemical Properties

CAS No. : 7370-21-0
 Formula: C₁₄H₁₃N
 Molecular Weight: 195.26
 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	SIB-1893 is a highly selective non-competitive antagonist for the metabotropic glutamate mGlu5 receptor subtype; displays an IC ₅₀ value of 0.3 μM at hmGlu5, compared with > 100 μM at hmGlu1b, hmGlu2, hmGlu6, hmGlu7 and hmGlu8. It positive allosteric modulator at mGlu4 receptors.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1214 mL	25.6069 mL	51.2138 mL
5 mM	1.0243 mL	5.1214 mL	10.2428 mL
10 mM	0.5121 mL	2.5607 mL	5.1214 mL
50 mM	0.1024 mL	0.5121 mL	1.0243 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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