

UniPR500

Chemical Properties

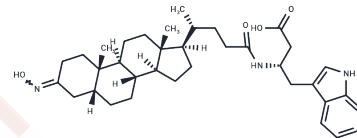
CAS No. : 2085767-98-0

Formula: C₃₆H₅₁N₃O₄

Molecular Weight: 589.808

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	UniPR500, a derivative of UniPR129, is a competitive antagonist for the EphA2 receptor, with a K_i of 0.78 μM . It reduces the binding of biotinylated Ephrin-A1 to EphA2 in a dose-dependent manner, exhibiting an IC_{50} value of 1.1 μM .
Targets(IC_{50})	Ephrin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6955 mL	8.4773 mL	16.9546 mL
5 mM	0.3391 mL	1.6955 mL	3.3909 mL
10 mM	0.1695 mL	0.8477 mL	1.6955 mL
50 mM	0.0339 mL	0.1695 mL	0.3391 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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