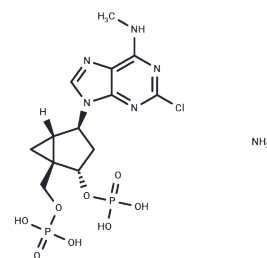


MRS2279 diammonium

Chemical Properties

CAS No. : 2387505-47-5
 Formula: C₁₃H₂₄ClN₇O₈P₂
 Molecular Weight: 503.77
 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	MRS2279 diammonium, a selective and high-affinity P2Y ₁ receptor antagonist, exhibits a K _i value of 2.5 nM and an IC ₅₀ value of 51.6 nM. It competitively inhibits ADP-promoted platelet aggregation, demonstrating a pK _b value of 8.05.
Targets(IC ₅₀)	Others,P2Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.985 mL	9.925 mL	19.8503 mL
5 mM	0.397 mL	1.985 mL	3.9701 mL
10 mM	0.1985 mL	0.9925 mL	1.985 mL
50 mM	0.0397 mL	0.1985 mL	0.397 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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