

MRS2693 trisodium

Chemical Properties

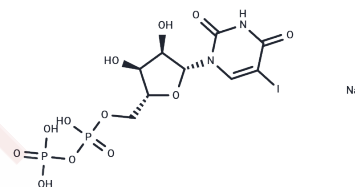
CAS No. : 1448858-83-0

Formula: C₉H₁₀N₂Na₃O₁₂P₂

Molecular Weight: 596

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	MRS2693 trisodium, a selective P2Y ₆ agonist with an EC ₅₀ of 0.015 μM, demonstrates cytoprotective effects in a mouse hindlimb skeletal muscle ischemia-reperfusion injury model by reducing NF-kappaB activation and stimulating the ERK1/2 pathway [1] [2].
Targets(IC50)	ERK,Others,NF-κB,P2Y Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6779 mL	8.3893 mL	16.7785 mL
5 mM	0.3356 mL	1.6779 mL	3.3557 mL
10 mM	0.1678 mL	0.8389 mL	1.6779 mL
50 mM	0.0336 mL	0.1678 mL	0.3356 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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