

## MRS2179 tetrasodium hydrate

## Chemical Properties

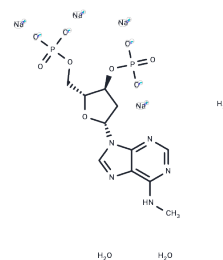
CAS No. :

Formula: C<sub>11</sub>H<sub>15</sub>N<sub>5</sub>Na<sub>4</sub>O<sub>10</sub>P<sub>2</sub>

Molecular Weight: 576.21

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	MRS2179 tetrasodium hydrate, a competitive antagonist of the P2Y1 receptor, acts on the turkey P2Y1 receptor (K <sub>b</sub> : 102 nM, pA <sub>2</sub> : 6.99) and exhibits an inhibitory effect on platelet aggregation. IC <sub>50</sub> : 1.15 μM, P2X3 (IC <sub>50</sub> : 12.9 μM), P2X2, P2X4, P2Y2, P2Y4 and P2Y6 receptors.
Targets(IC <sub>50</sub> )	Others,P2Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7355 mL	8.6774 mL	17.3548 mL
5 mM	0.3471 mL	1.7355 mL	3.471 mL
10 mM	0.1735 mL	0.8677 mL	1.7355 mL
50 mM	0.0347 mL	0.1735 mL	0.3471 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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