

PSB 1114

## Chemical Properties

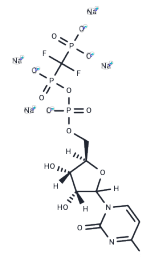
CAS No. :

Formula: C<sub>10</sub>H<sub>11</sub>F<sub>2</sub>N<sub>2</sub>Na<sub>4</sub>O<sub>13</sub>P<sub>3</sub>S

Molecular Weight: 622.14

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	PSB 1114 is an effective and selective agonist of the P2Y2 receptor (EC50: 0.134 μM).
Targets(IC50)	Others
In vitro	PSB 1114 activated P2Y2, P2Y4, and P2Y6 (EC50: 0.134, 9.3 and 7.0 μM respectively). It exhibited >60-fold selectivity versus P2Y6 and P2Y4 receptors [1].

## Solubility Information

Solubility	H2O: <10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6074 mL	8.0368 mL	16.0736 mL
5 mM	0.3215 mL	1.6074 mL	3.2147 mL
10 mM	0.1607 mL	0.8037 mL	1.6074 mL
50 mM	0.0321 mL	0.1607 mL	0.3215 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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