

MRS2690

## Chemical Properties

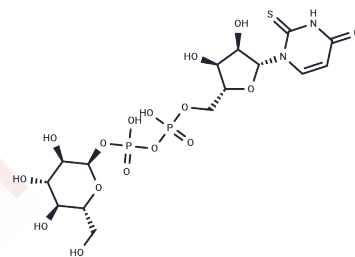
CAS No. : 7077-89-6

Formula: C<sub>15</sub>H<sub>24</sub>N<sub>2</sub>O<sub>16</sub>P<sub>2</sub>S

Molecular Weight: 582.37

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	MRS2690 is a potent P2Y <sub>14</sub> receptor agonist (EC <sub>50</sub> = 49 nM) that displays 7-fold higher potency than UDP-glucose.
Targets(IC <sub>50</sub> )	Others, Calcium Channel, P2Y Receptor, p38 MAPK

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7171 mL	8.5856 mL	17.1712 mL
5 mM	0.3434 mL	1.7171 mL	3.4342 mL
10 mM	0.1717 mL	0.8586 mL	1.7171 mL
50 mM	0.0343 mL	0.1717 mL	0.3434 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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