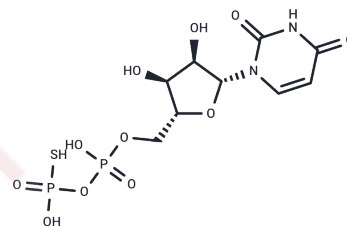


## Uridine 5'-O-thiodiphosphate

## Chemical Properties

CAS No. : 221010-51-1  
 Formula: C<sub>9</sub>H<sub>14</sub>N<sub>2</sub>O<sub>11</sub>P<sub>2</sub>S  
 Molecular Weight: 420.23  
 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	Uridine 5'-O-thiodiphosphate (UDP-β-S) is a stable analog of UDP, serving as a selective agonist for the P2Y6 receptor with enhanced metabolic stability, utilized in cardiovascular disease research.
Targets(IC50)	P2Y Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3796 mL	11.8982 mL	23.7965 mL
5 mM	0.4759 mL	2.3796 mL	4.7593 mL
10 mM	0.238 mL	1.1898 mL	2.3796 mL
50 mM	0.0476 mL	0.238 mL	0.4759 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

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481