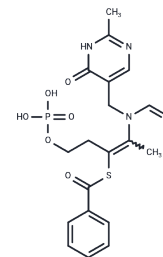


## Benfooxythiamine

## Chemical Properties

CAS No. :	909542-99-0
Formula:	C19H22N3O7PS
Molecular Weight:	467.433
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	Benfooxythiamine is a transketolase (TKT) inhibitor that suppresses SARS-CoV-2 replication and enhances the activity of the glycolysis inhibitor 2DG. It exhibits antiviral properties.
Targets(IC50)	Transketolase,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1394 mL	10.6968 mL	21.3936 mL
5 mM	0.4279 mL	2.1394 mL	4.2787 mL
10 mM	0.2139 mL	1.0697 mL	2.1394 mL
50 mM	0.0428 mL	0.2139 mL	0.4279 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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