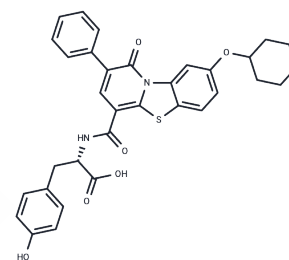


## HeE1-2Tyr

## Chemical Properties

CAS No. :	2245195-67-7
Formula:	C33H30N2O6S
Molecular Weight:	582.67
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	HeE1-2Tyr, a pyridobenzothiazole compound, is a potent inhibitor of flavivirus RNA-dependent RNA polymerases (RdRp). It significantly inhibits the RdRp activity of West Nile, Dengue, and SARS-CoV-2 in vitro, with an IC50 of 27.6 μM.
Targets(IC50)	Anti-infection,SARS-CoV

## Solubility Information

Solubility	DMSO: 100 mg/mL (171.62 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	1.7162 mL	8.5812 mL	17.1624 mL
5 mM	0.3432 mL	1.7162 mL	3.4325 mL
10 mM	0.1716 mL	0.8581 mL	1.7162 mL
50 mM	0.0343 mL	0.1716 mL	0.3432 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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