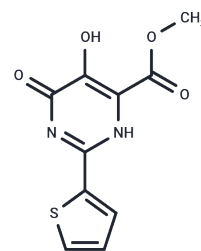


## pUL89 Endonuclease-IN-1

## Chemical Properties

CAS No. :	391680-92-5
Formula:	C <sub>10</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	252.25
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	pUL89 Endonuclease-IN-1 (Compound 13d), with an IC <sub>50</sub> of 0.88 μM, is a potent inhibitor of human cytomegalovirus (HCMV) pUL89 endonuclease, demonstrating significant antiviral activity [1].
Targets(IC <sub>50</sub> )	Others,Virus Protease
In vitro	pUL89 Endonuclease-IN-1 (compound 13d) effectively suppresses pUL89-C with an IC <sub>50</sub> value of 0.88 μM, demonstrates excellent aqueous solubility, plasma stability, and in vitro ADME metabolic stability, exhibits moderate permeability in PAMPA [1]. In HFF cell cytotoxicity assays [1] at 5 μM over 168 hours, it significantly inhibits HCMV.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9643 mL	19.8216 mL	39.6432 mL
5 mM	0.7929 mL	3.9643 mL	7.9286 mL
10 mM	0.3964 mL	1.9822 mL	3.9643 mL
50 mM	0.0793 mL	0.3964 mL	0.7929 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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