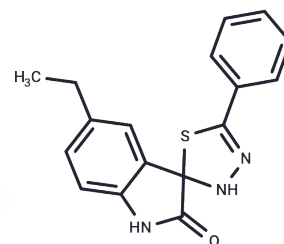


## ADAMTS-5-IN-2

## Chemical Properties

CAS No. :	294648-66-1
Formula:	C <sub>17</sub> H <sub>15</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	309.39
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	ADAMTS-5-IN-2 is a potent inhibitor of ADAMTS-5, exhibiting an IC <sub>50</sub> of 0.71 μM, and holds potential for osteoarthritis research.
Targets(IC <sub>50</sub> )	Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2322 mL	16.1608 mL	32.3217 mL
5 mM	0.6464 mL	3.2322 mL	6.4643 mL
10 mM	0.3232 mL	1.6161 mL	3.2322 mL
50 mM	0.0646 mL	0.3232 mL	0.6464 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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