

ADAMTS7-IN-1

## Chemical Properties

CAS No. :

Formula: C<sub>27</sub>H<sub>26</sub>F<sub>3</sub>N<sub>3</sub>O<sub>5</sub>S

Molecular Weight: 561.57

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	ADAMTS7-IN-1 (Compound 3a) serves as a potent and selective ADAMTS7 inhibitor, exhibiting a K <sub>i</sub> value of 9 nM. It is primarily utilized in atherosclerosis research.
Targets(IC50)	Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7807 mL	8.9036 mL	17.8072 mL
5 mM	0.3561 mL	1.7807 mL	3.5614 mL
10 mM	0.1781 mL	0.8904 mL	1.7807 mL
50 mM	0.0356 mL	0.1781 mL	0.3561 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.

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