

TMPRSS6-IN-1 TFA

Chemical Properties

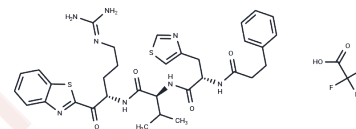
CAS No. :

Formula: C35H41F3N8O6S2

Molecular Weight: 790.875

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	TMPRSS6-IN-1 (TFA) is a potent inhibitor of TMPRSS6 (Matriptase-2), a member of the TTSP family (a type of transmembrane serine protease). TMPRSS6 is a type II TTSP, and genetically reduced levels of TMPRSS6 have been shown to improve symptoms of hemochromatosis and β -thalassemia in mice.
Targets(IC50)	Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2644 mL	6.3221 mL	12.6441 mL
5 mM	0.2529 mL	1.2644 mL	2.5288 mL
10 mM	0.1264 mL	0.6322 mL	1.2644 mL
50 mM	0.0253 mL	0.1264 mL	0.2529 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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