

## (S,S)-TAPI-1 FA

## Chemical Properties

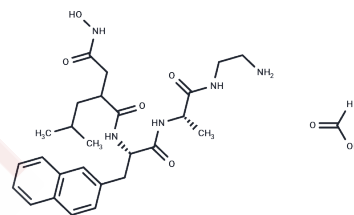
CAS No. :

Formula: C27H39N5O7

Molecular Weight: 545.63

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	(S,S)-TAPI-1 FA is a TNF- $\alpha$ processing inhibitor with potential anti-inflammatory effects, blocks TACE, and can inhibit TNF- $\alpha$ signaling can be used to study Staphylococcus aureus arthritis.
Targets(IC50)	TNF

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8327 mL	9.1637 mL	18.3274 mL
5 mM	0.3665 mL	1.8327 mL	3.6655 mL
10 mM	0.1833 mL	0.9164 mL	1.8327 mL
50 mM	0.0367 mL	0.1833 mL	0.3665 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.

## Reference

Bae EH, et al. Tumor necrosis factor  $\alpha$ -converting enzyme inhibitor attenuates lipopolysaccharide-induced reactive oxygen species and mitogen-activated protein kinase expression in human renal proximal tubule epithelial cells. Korean J Physiol Pharmacol. 2

Moss ML, et al. Recent Advances in ADAM17 Research: A Promising Target for Cancer and Inflammation. Mediators Inflamm. 2017;2017:9673537.

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