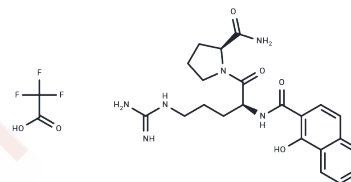


APC 366 TFA

Chemical Properties

CAS No. :	2421110-28-1
Formula:	C ₂₄ H ₂₉ F ₃ N ₆ O ₆
Molecular Weight:	554.527
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	APC 366 (TFA) is a potent irreversible inhibitor of mast cell tryptase. It is particularly useful in studies related to allergic diseases.
Targets(IC50)	Others, Protease-activated Receptor
In vivo	APC 366 (TFA) (5 mg/kg/0.1 ml; s.c.) effectively mitigates eosinophil recruitment triggered by PAR-2 activating peptide in male BALB/c mice (18-25 g), with subcutaneous administration resulting in a marked reduction in eosinophil recruitment.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8033 mL	9.0166 mL	18.0333 mL
5 mM	0.3607 mL	1.8033 mL	3.6067 mL
10 mM	0.1803 mL	0.9017 mL	1.8033 mL
50 mM	0.0361 mL	0.1803 mL	0.3607 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

Matos NA, et al. Mast cell tryptase induces eosinophil recruitment in the pleural cavity of mice via proteinase-activated receptor 2. *Inflammation*. 2013;36(6):1260-1267.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481