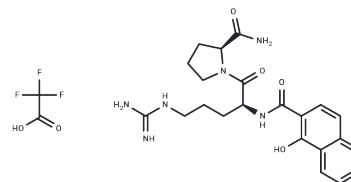


APC 366 TFA

Chemical Properties

CAS No. :	2421110-28-1
Formula:	C ₂₄ H ₂₉ F ₃ N ₆ O ₆
Molecular Weight:	554.527
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



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.
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 weighing 18–25 g. The administration of a 5 mg/kg/0.1 ml dose via subcutaneous injection resulted in a marked reduction in the recruitment of eosinophils in response to the activating peptide.

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.

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: 36 Washington Street, Wellesley Hills, MA 02481