Data Sheet (Cat.No.T22189)

TargetMol

APC 366

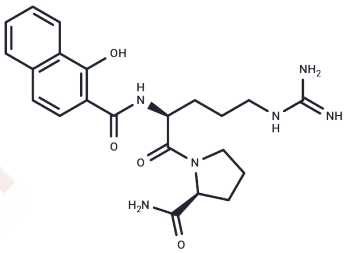
Chemical Properties

CAS No. : 158921-85-8

Formula: C22H28N6O4

Molecular Weight: 440.5

Storage: Store at low temperature
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 is a selective tryptase inhibitor (Ki = 7.1 μM). Tryptase is a serine protease released during mast cell degranulation, which reduces acute airway responses to allergens and can be used for asthma allergy treatment.
Targets(IC50)	Serine Protease,Serine/threonin kinase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2701 mL	11.3507 mL	22.7015 mL
5 mM	0.454 mL	2.2701 mL	4.5403 mL
10 mM	0.227 mL	1.1351 mL	2.2701 mL
50 mM	0.0454 mL	0.227 mL	0.454 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

Barrios VE, et al. Tryptase mediates hyperresponsiveness in isolated guinea pig bronchi. Life Sci. 1998;63(26): 2295-2303.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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