Data Sheet (Cat.No.T78407)

TargetMol

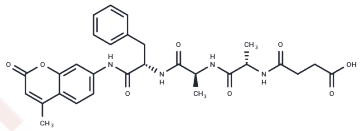
Suc-Ala-Ala-Phe-AMC

Chemical Properties

CAS No. : 71973-79-0

Formula: C29H32N4O8

Molecular Weight: 564.59



Storage: Keep away from direct sunlight
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	Suc-Ala-Ala-Phe-AMC, a fluorogenic chymotrypsin substrate hydrolyzable by endopeptidase, has applications in vivo for assaying the acrosome reaction and in vitro for enzyme assays [1] [2] [3].
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7712 mL	8.856 mL	17.712 mL
5 mM	0.3542 mL	1.7712 mL	3.5424 mL
10 mM	0.1771 mL	0.8856 mL	1.7712 mL
50 mM	0.0354 mL	0.1771 mL	0.3542 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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