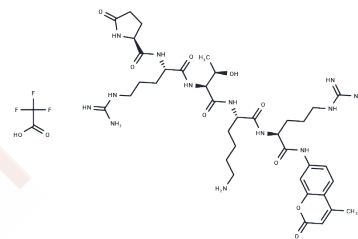


Pyr-Arg-Thr-Lys-Arg-AMC TFA

Chemical Properties

CAS No. :	1255501-99-5
Formula:	C39H58F3N13O11
Molecular Weight:	941.95
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Pyr-Arg-Thr-Lys-Arg-AMC TFA, an AMC-tagged decapeptide, is selectively cleaved by proteases such as trypsin and thrombin, serving as a substrate for measuring protease activity and assessing enzyme inhibitor efficacy [1].
Targets(IC50)	Thrombin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0616 mL	5.3081 mL	10.6163 mL
5 mM	0.2123 mL	1.0616 mL	2.1233 mL
10 mM	0.1062 mL	0.5308 mL	1.0616 mL
50 mM	0.0212 mL	0.1062 mL	0.2123 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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