

Activated Protein C (390-404), human TFA

Chemical Properties

CAS No. :

Formula: C93H131F3N22O25

Molecular Weight: 2014.16

Keep away from moisture

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	The peptide region containing residues 390-404 in Activated Protein C (APC) is essential for anticoagulant activity and is available for interaction with antibodies or with other proteins, such as the macromolecular substrates Factors Va or VIIIa. APC regulates blood coagulation by proteolytic inactivation of the blood coagulation cofactors Va and VIIIa.
Targets(IC50)	APC/C

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4965 mL	2.4824 mL	4.9648 mL
5 mM	0.0993 mL	0.4965 mL	0.993 mL
10 mM	0.0496 mL	0.2482 mL	0.4965 mL
50 mM	0.0099 mL	0.0496 mL	0.0993 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

Mesters RM, et al. Identification of a sequence of human activated protein C (residues 390-404) essential for its anticoagulant activity. J Biol Chem. 1991 Dec 25;266(36):24514-9.

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