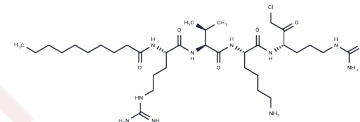


## Decanoyl-RVKR-CMK

## Chemical Properties

CAS No. :	150113-99-8
Formula:	C34H66ClN11O5
Molecular Weight:	744.42
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	Subtilisin/Kex2p-like proprotein convertase inhibitor; blocks activity of all seven convertases (PC1, PC2, PC4, PACE4, PC5, PC7 and furin). Abolishes proET-1 processing in endothelial cells; inhibits regulated secretion of the neuronal polypeptide VGF in PC12 cells.
Targets(IC50)	HIV Protease

## Solubility Information

Solubility	H2O: 1 mg/mL (1.34 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3433 mL	6.7166 mL	13.4333 mL
5 mM	0.2687 mL	1.3433 mL	2.6867 mL
10 mM	0.1343 mL	0.6717 mL	1.3433 mL
50 mM	0.0269 mL	0.1343 mL	0.2687 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

Garcia et al (2005) A prohormone convertase cleavage site within a predicted alpha-helix mediates sorting of the neuronal and endocrine polypeptide VGF into the regulated secretory pathway. J.Biol.Chem. 280 41595 PMID:

Tian and Jianhua (2010) Comparative study of the binding pocket of mammalian proprotein convertases and its implications for the design of specific small molecule inhibitors. Int.J.Biol.Sci. 6 89 PMID:

Denault et al (1995) Inhibition of convertase-related processing of proendothelin-1. J.Cardiovasc.Pharmacol. 26 547 PMID:

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