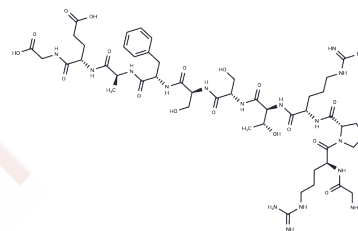


Crosstide

Chemical Properties

CAS No. :	171783-05-4
Formula:	C ₄₈ H ₇₇ N ₁₇ O ₁₇
Molecular Weight:	1164.23
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	Crosstide is a peptide analog of glycogen synthase kinase-3 (GSK-3) and serves as a natural substrate for Akt/PKB.
Targets(IC50)	Akt

Solubility Information

Solubility	H ₂ O: 50 mg/mL (42.95 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	0.8589 mL	4.2947 mL	8.5894 mL
5 mM	0.1718 mL	0.8589 mL	1.7179 mL
10 mM	0.0859 mL	0.4295 mL	0.8589 mL
50 mM	0.0172 mL	0.0859 mL	0.1718 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

Bentley JK, et al. Rhinovirus activates interleukin-8 expression via a Src/p110beta phosphatidylinositol 3-kinase/Akt pathway in human airway epithelial cells. J Virol. 2007 Feb;81(3):1186-94. Epub 2006 Nov 22.

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