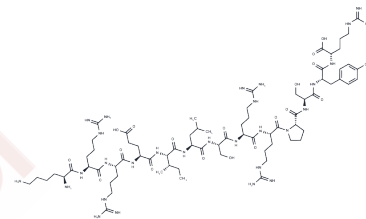


CREBtide

Chemical Properties

CAS No. :	149155-45-3
Formula:	C73H129N29O19
Molecular Weight:	1716.99
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	CREBtide is a synthetic substrate for PKA ($K_m=3.9 \mu\text{M}$), which is based on the phosphorylation sequence in d-CREB (cAMP response element binding protein).
Targets(IC50)	PKA,PKC

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5824 mL	2.9121 mL	5.8241 mL
5 mM	0.1165 mL	0.5824 mL	1.1648 mL
10 mM	0.0582 mL	0.2912 mL	0.5824 mL
50 mM	0.0116 mL	0.0582 mL	0.1165 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

Wu J, et al. A microPLC-based approach for determining kinase-substrate specificity. Assay Drug Dev Technol. 2007 Aug;5(4):559-66.

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