

Sakamototide substrate peptide TFA

Chemical Properties

CAS No.:	TP1417
Formula:	C71H123F3N30O25
Molecular Weight:	1853.92
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	Sakamototide substrate peptide TFA is a peptide substrate of AMPK kinase family and can be used for the determination of kinase activity.
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.539 mL	2.697 mL	5.394 mL
5 mM	0.108 mL	0.539 mL	1.079 mL
10 mM	0.054 mL	0.27 mL	0.539 mL
50 mM	0.011 mL	0.054 mL	0.108 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Banerjee S, et al. Characterization of WZ4003 and HTH-01-015 as selective inhibitors of the LKB1-tumour-suppressor-activated NUAK kinases. Biochem J. 2014 Jan 1;457(1):215-25.

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