

MBP MAPK Substrate acetate

Chemical Properties

CAS No. :

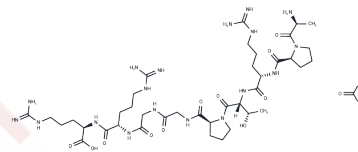
Formula: C41H74N18O13

Molecular Weight: 1027.156

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	MBP MAPK Substrate acetate can be used as an exogenous substrate for MAPK.
Targets(IC50)	MAPK

Solubility Information

Solubility	DMSO: 55.00 mg/mL (53.55 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	0.9736 mL	4.8678 mL	9.7356 mL
5 mM	0.1947 mL	0.9736 mL	1.9471 mL
10 mM	0.0974 mL	0.4868 mL	0.9736 mL
50 mM	0.0195 mL	0.0974 mL	0.1947 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

K C Gause, et al. Effects of phorbol ester on mitogen-activated protein kinase kinase activity in wild-type and phorbol ester-resistant EL4 thymoma cells. J Biol Chem. 1993 Aug 5;268(22):16124-9.

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