

Calcineurin substrate (TFA)

Chemical Properties

CAS No. :

Formula: C₉₄H₁₅₁F₃N₂₈O₃₁

Molecular Weight: 2226.37

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	Calcineurin substrate (TFA) is a polypeptide derived from the regulatory RII subunit of camp-dependent protein kinase. Calcineurin substrate (TFA) can be used to determine the activity of Calcineurin.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4492 mL	2.2458 mL	4.4916 mL
5 mM	0.0898 mL	0.4492 mL	0.8983 mL
10 mM	0.0449 mL	0.2246 mL	0.4492 mL
50 mM	0.009 mL	0.0449 mL	0.0898 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

Crabtree GR, et al. Calcium, calcineurin, and the control of transcription. J Biol Chem. 2001 Jan 26;276(4):2313-6.

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