

Syntide 2 TFA

Chemical Properties

CAS No. :

Formula: C70H123N20F3O20

Molecular Weight: 1621.84

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	Syntide 2 (TFA), a substrate peptide for Ca ²⁺ - and calmodulin (CaM)-dependent protein kinase II (CaMKII), selectively inhibits the gibberellin (GA) response without affecting constitutive and abscisic acid-regulated events [1].
Targets(IC50)	CaMK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6166 mL	3.0829 mL	6.1658 mL
5 mM	0.1233 mL	0.6166 mL	1.2332 mL
10 mM	0.0617 mL	0.3083 mL	0.6166 mL
50 mM	0.0123 mL	0.0617 mL	0.1233 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481