Data Sheet (Cat.No.TP1347)

TargetMol

Syntide 2 (TFA) (108334-68-5 free base)

Chemical Properties

CAS No. :

Formula: C70H123N20F3O20

Molecular Weight: 1621.84

Storage: Keep away from moisture
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) is a Ca2+ and CaM dependent protein kinase II (CaMKII) substrate peptide that selectively inhibits the gibberellin (GA) response, leaving composition and slicoic acid regulatory events unaffected.

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

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.

Reference

Ritchie S, et al. Calcium-Dependent Protein Phosphorylation May Mediate the Gibberellic Acid Response in Barley Aleurone. Plant Physiol. 1998 Feb 1;116(2):765-76.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481