

## Ziptide TFA

## Chemical Properties

CAS No. :

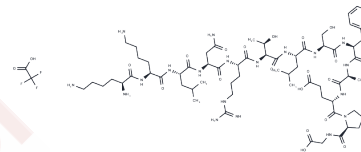
Formula: C<sub>65</sub>H<sub>109</sub>N<sub>19</sub>O<sub>19</sub>.XCF<sub>3</sub>COOH

Molecular Weight: 1460.70

Keep away from direct sunlight

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

Ziptide, a peptide substrate, is recognized by several serine/threonine protein kinases, such as MAPK activated protein kinase 2 (MAPKAPK2), MAPKAPK3, MAPKAPK5, checkpoint kinase 1 (Chk1), AMP-activated protein kinase (AMPK), and calcium/calmodulin-dependent protein kinase II (CamKII). It serves as a tool in evaluating CamKII activity for the development of inhibitors.

## Solubility Information

Solubility

H<sub>2</sub>O: Soluble  
(< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6846 mL	3.423 mL	6.846 mL
5 mM	0.1369 mL	0.6846 mL	1.3692 mL
10 mM	0.0685 mL	0.3423 mL	0.6846 mL
50 mM	0.0137 mL	0.0685 mL	0.1369 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

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

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