

ssK36 TFA

Chemical Properties

CAS No. :

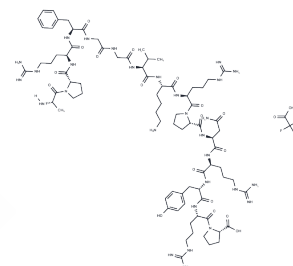
Formula: C79H127N29O18.XCF3COOH

Molecular Weight: 1771.10

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	ssK36, a peptide super-substrate for the histone methyltransferase SET domain-containing protein 2 (SETD2), is derived from histone H3 lysine 36 (H3K36) amino acids 29-43, with modifications at positions 31, 32, 36, 37, and 39. It undergoes methylation at a rate 70 times greater and 290 times faster than the unmodified H3K36 (29-43) in cell-free assays.
Targets(IC50)	Others

Solubility Information

Solubility	H2O: soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5646 mL	2.8231 mL	5.6462 mL
5 mM	0.1129 mL	0.5646 mL	1.1292 mL
10 mM	0.0565 mL	0.2823 mL	0.5646 mL
50 mM	0.0113 mL	0.0565 mL	0.1129 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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