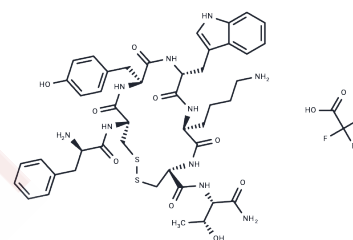


TT-232 TFA(147159-51-1 free base)

Chemical Properties

CAS No. : 2703745-48-4
 Formula: C47H59F3N10O11S2
 Molecular Weight: 1061.16
 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	TT2-32 TFA induces a biphasic activation of phosphotyrosine phosphatase activity in human colon tumor cell line, SW620
Targets(IC50)	Apoptosis,Others,Somatostatin
In vitro	TT2-32 strongly stimulates PTPase activity in a biphasic manner in a SW620 human colon tumor cell line as an early step in its signal transduction process.TT2-32-induced activation of PTPases may be an important signaling pathway in the inhibition of cell proliferation in colon carcinomas[1].

Solubility Information

Solubility	DMSO: 55 mg/mL (51.83 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9424 mL	4.7118 mL	9.4236 mL
5 mM	0.1885 mL	0.9424 mL	1.8847 mL
10 mM	0.0942 mL	0.4712 mL	0.9424 mL
50 mM	0.0188 mL	0.0942 mL	0.1885 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

Vántus T, Csermely P, Teplán I, Kéri G. The tumor-selective somatostatin analog, TT2-32 induces a biphasic activation of phosphotyrosine phosphatase activity in human colon tumor cell line, SW620. *Tumour Biol.* 1995;16(4):261-267.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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