

c-Myc Peptide Trifluoroacetate

Chemical Properties

CAS No. :

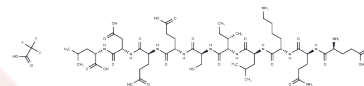
Formula: C53H87F3N12O23

Molecular Weight: 1317.32

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	c-Myc Peptide Trifluoroacetate is a synthetic peptide corresponding to the C-terminal amino acids (410-419) of human c-myc protein. c-Myc Peptide Trifluoroacetate participates in regulation of growth-related gene transcription.
Targets(IC50)	Others
In vitro	C-myc plays a critical role in the progression of breast cancer[1].

Solubility Information

Solubility	H2O: 50 mg/mL (37.96 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	0.7591 mL	3.7956 mL	7.5912 mL
5 mM	0.1518 mL	0.7591 mL	1.5182 mL
10 mM	0.0759 mL	0.3796 mL	0.7591 mL
50 mM	0.0152 mL	0.0759 mL	0.1518 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

Watson PH, et al. Inhibition of c-myc expression by phosphorothioate antisense oligonucleotide identifies a critical role for c-myc in the growth of human breast cancer. Cancer Res. 1991 Aug 1;51(15):3996-4000.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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