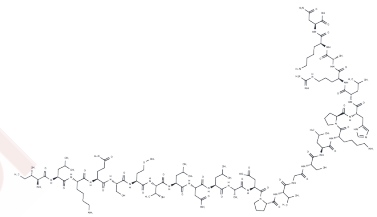


c-JUN peptide

Chemical Properties

CAS No. :	610273-01-3
Formula:	C121H210N36O34S
Molecular Weight:	2743.55
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Peptide comprising residues 33 - 57 of the JNK binding (δ) domain of human c-Jun. Disrupts JNK/c-Jun interaction leading to inhibition of serum-induced c-Jun phosphorylation, up-regulation of p21cip/waf and modulation of inflammatory gene expression. Specifically induces apoptosis in HeLa tumor cells.
Targets(IC50)	Apoptosis,JNK

Solubility Information

Solubility	H2O: 1 mg/mL (0.36 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	0.3645 mL	1.8225 mL	3.6449 mL
5 mM	0.0729 mL	0.3645 mL	0.729 mL
10 mM	0.0364 mL	0.1822 mL	0.3645 mL
50 mM	0.0073 mL	0.0364 mL	0.0729 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

Holzberg et al (2003) Disruption of the c-JUN-JNK complex by a cell-permeable peptide containing the c-JUN δ domain induces apoptosis and affects a distinct set of interleukin-1 induced inflammatory genes. J.Biol.Chem. 278 40213 PMID: 12832416

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