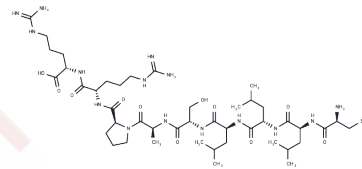


p5 Ligand for Dnak and Dnaj

Chemical Properties

CAS No. :	209518-24-1
Formula:	C44H81N15O11S
Molecular Weight:	1028.27
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	p5 Ligand for Dnak and Dnaj is a nonapeptide corresponding to the primary binding sites of the 23-residue mitochondrial aspartate aminotransferase presequence. p5 ligand is a high-affinity ligand for Dnak and Dnaj.
Targets(IC50)	HSP

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	0.9725 mL	4.8625 mL	9.7251 mL
5 mM	0.1945 mL	0.9725 mL	1.945 mL
10 mM	0.0973 mL	0.4863 mL	0.9725 mL
50 mM	0.0195 mL	0.0973 mL	0.1945 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

Swain JF, et al. Hsp70 chaperone ligands control domain association via an allosteric mechanism mediated by the interdomain linker. Mol Cell. 2007 Apr 13;26(1):27-39.

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