

sgp91 ds-tat Peptide 2, scrambled

Chemical Properties

CAS No. :

Formula: C98H190N50O22S

Molecular Weight: 2453

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	This peptide is a scrambled sequence of NADPH oxidase assembly peptide inhibitor gp91 ds-tat. It is used as a control peptide. It is two amino acid residues shorter at the N-terminus compared to the scrambled gp91 ds-tat.
Targets(IC50)	NADPH

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4077 mL	2.0383 mL	4.0766 mL
5 mM	0.0815 mL	0.4077 mL	0.8153 mL
10 mM	0.0408 mL	0.2038 mL	0.4077 mL
50 mM	0.0082 mL	0.0408 mL	0.0815 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

Lopes N, et al. Thrombospondin 2 regulates cell proliferation induced by Rac1 redox-dependent signaling. Mol Cell Biol. 2003 Aug;23(15):5401-8.

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