Data Sheet (Cat.No.TP1740)

TargetMol

GroES mobile loop

Chemical Properties

CAS No. :

Formula: C51H90N14O20

Molecular Weight: 1219.4

Storage: Keep away from moisture
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	GroES mobile loop is a flexible region of unbound GroES that interacts with GroEL via the residues located at the tip of the loop.

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8201 mL	4.1004 mL	8.2008 mL
5 mM	0.164 mL	0.8201 mL	1.6402 mL
10 mM	0.082 mL	0.410 mL	0.8201 mL
50 mM	0.0164 mL	0.082 mL	0.164 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

Nojima T, et al. Flexibility of GroES mobile loop is required for efficient chaperonin function. J Mol Biol. 2012 Sep 14;422(2):291-9.

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