

## LAH4 TFA

## Chemical Properties

CAS No. :

Formula: C134H229F3N38O29

Molecular Weight: 2893.55

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	LAH4 TFA, an alpha-helix of the designed amphipathic peptide antibiotic, exhibits potent antimicrobial, nucleic acid transfection, and cell penetration capabilities, along with high plasmid DNA delivery capacities, and shows a strong affinity for anionic lipids in bacterial outer membranes [1] [2] [3].
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3456 mL	1.728 mL	3.456 mL
5 mM	0.0691 mL	0.3456 mL	0.6912 mL
10 mM	0.0346 mL	0.1728 mL	0.3456 mL
50 mM	0.0069 mL	0.0346 mL	0.0691 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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