

TAT-Gap19 TFA

Chemical Properties

CAS No. :

Formula: C121H213F3N46O28

Molecular Weight: 2817.27

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	TAT-Gap19 TFA, a Cx mimetic peptide and specific connexin43 hemichannel (Cx43 HC) inhibitor, does not inhibit corresponding Cx43 gap junction channels (GJCs). It crosses the blood-brain barrier and has shown efficacy in alleviating liver fibrosis in mice [1] [2] [3].
Targets(IC50)	Gap Junction Protein

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.355 mL	1.7748 mL	3.5495 mL
5 mM	0.071 mL	0.355 mL	0.7099 mL
10 mM	0.0355 mL	0.1775 mL	0.355 mL
50 mM	0.0071 mL	0.0355 mL	0.071 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

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