

Peptide5 TFA

Chemical Properties

CAS No. :

Formula: C62H99F3N16O22S

Molecular Weight: 1509.6

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	Peptide5 TFA, a connexin 43 mimetic peptide, mitigates swelling, astrogliosis, and neuronal cell death in animal models of spinal cord injury, and suppresses the NLRP3 inflammasome, functioning as an anti-inflammatory agent (1) (2) (3).
Targets(IC50)	Gap Junction Protein,NOD-like Receptor (NLR)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6624 mL	3.3121 mL	6.6243 mL
5 mM	0.1325 mL	0.6624 mL	1.3249 mL
10 mM	0.0662 mL	0.3312 mL	0.6624 mL
50 mM	0.0132 mL	0.0662 mL	0.1325 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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