

FAM49B (190-198) mouse

Chemical Properties

CAS No. : 1588388-60-6

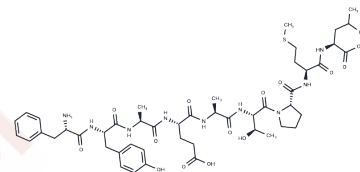
Formula: C49H71N9O14S

Molecular Weight: 1042.2

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	FAM49B (190-198) mouse represents a peptide fragment of the mitochondria-localized protein FAM49B, which is instrumental in regulating mitochondrial fission, function, and integrity, in addition to influencing tumor progression. Beyond its role in mitochondrial dynamics, FAM49B serves as a negative regulator of T cell activation by inhibiting GTPase Rac activity and affecting cytoskeleton reorganization.
Targets(IC50)	Ras

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9595 mL	4.7975 mL	9.5951 mL
5 mM	0.1919 mL	0.9595 mL	1.919 mL
10 mM	0.096 mL	0.4798 mL	0.9595 mL
50 mM	0.0192 mL	0.096 mL	0.1919 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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