

BT1769

## Chemical Properties

CAS No. :

Formula: C186H269N43O50S

Molecular Weight: 3939.45

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	BT1769 is a bicyclic toxin conjugate targeting MT1-MMP (Matrilysin 1 type-MMP) with a KD of 3.35 nM. It is utilized for osteosarcoma research. BT1769 comprises an innovative bicyclic targeting peptide that selectively binds to MT1-MMP, a cytotoxin MMAE, and a dipeptide linker that can be enzymatically cleaved.
Targets(IC50)	MMP

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2538 mL	1.2692 mL	2.5384 mL
5 mM	0.0508 mL	0.2538 mL	0.5077 mL
10 mM	0.0254 mL	0.1269 mL	0.2538 mL
50 mM	0.0051 mL	0.0254 mL	0.0508 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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