

BM213 acetate

Chemical Properties

CAS No. :

Formula: C45H74N12O12

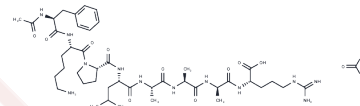
Molecular Weight: 975.14

Storage:

Store at low temperature, Keep away from moisture

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	BM213 acetate is a selective C5aR1 agonist with antitumor activity that induces C5aR1-mediated calcium mobilization and pERK1/2 signaling.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	H2O: 100 mg/mL (102.55 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0255 mL	5.1275 mL	10.2549 mL
5 mM	0.2051 mL	1.0255 mL	2.051 mL
10 mM	0.1025 mL	0.5127 mL	1.0255 mL
50 mM	0.0205 mL	0.1025 mL	0.2051 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.

Reference

Gorman DM, et al. Development of Potent and Selective Agonists for Complement C5a Receptor 1 with In Vivo Activity. J Med Chem. 2021 Nov 11.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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