

BAM (8-22) acetate

Chemical Properties

CAS No. :

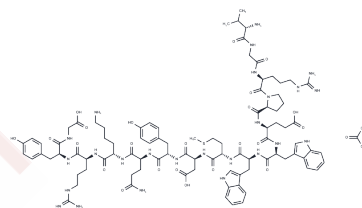
Formula: C93H131N25O25S

Molecular Weight: 2031.25

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	BAM (8-22) acetate is a proteolytically cleaved product of proenkephalin A. BAM (8-22) acetate activates Mas-related G-protein-coupled receptors (Mrgprs), MrgprC11 and hMrgprX1, and induces scratching in mice in an Mrgpr-dependent manner.
Targets(IC50)	MRGPR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4923 mL	2.4615 mL	4.9231 mL
5 mM	0.0985 mL	0.4923 mL	0.9846 mL
10 mM	0.0492 mL	0.2462 mL	0.4923 mL
50 mM	0.0098 mL	0.0492 mL	0.0985 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

Parul Sikand, et al. BAM8-22 peptide produces itch and nociceptive sensations in humans independent of histamine release. J Neurosci. 2011 May 18;31(20):7563-7.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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