Data Sheet (Cat.No.TP1914L1)



BAM (8-22) acetate

Chemical Properties

CAS No.: TP1914L1

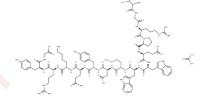
Formula: C93H131N25O25S

Molecular Weight: 2031.25

Appearance: no data available

Storage: keep away from moisture

Powder: -20°C for 3 years | In solvent: -80°C for 1 year



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)	Others

Preparing Stock Solutions

(A)	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.

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.

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