

Tat-AKAP79 (326-336)

Chemical Properties

CAS No. :

Formula: C117H211N49O34S

Molecular Weight:

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	TAT-AKAP79 326-336 is a cell-penetrating peptide that mimics a specific region (amino acid sequence 326-336) of the AKAP79 protein, which interacts with the TRPV1 ion channel. It can inhibit the sensitization of TRPV1, thus reducing the hyperreaction of the TRPV1 channel to stimuli caused by the activation of cellular kinases by inflammatory mediators, such as protein kinase A (PKA) and protein kinase C (PKC). TAT-AKAP79 326-336 is valuable for researching mechanisms of nociception and inflammatory hyperalgesia.
Targets(IC50)	TRP/TRPV Channel

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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