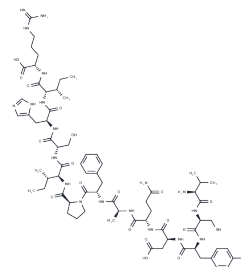


Connexin mimetic peptide 40,37GAP26

Chemical Properties

CAS No. :	514787-21-4
Formula:	C70H105N19O19S
Molecular Weight:	1548.76
Storage:	Keep away from moisture Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



Biological Description

Description	Connexin mimetic peptide 40,37GAP26, a biologically active peptide, matches the GAP26 domain of the extracellular loop of major vascular connexins Cx37 and Cx40, referred to as 37,40Gap26 based on Cx homology. It has been utilized to examine gap junctions' involvement in propagating endothelial hyperpolarizations induced by cyclopiazonic acid (CPA) in the rodent iliac artery wall. Abundant gap junction plaques comprising Cx37 and Cx40 are present in the endothelium, and the peptide exerts inhibitory actions on subintimal hyperpolarization.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6457 mL	3.2284 mL	6.4568 mL
5 mM	0.1291 mL	0.6457 mL	1.2914 mL
10 mM	0.0646 mL	0.3228 mL	0.6457 mL
50 mM	0.0129 mL	0.0646 mL	0.1291 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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