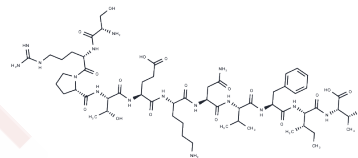


Connexin mimetic peptide 40GAP27

Chemical Properties

CAS No. :	403858-30-0
Formula:	C58H96N16O17
Molecular Weight:	1289.48
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 40GAP27, corresponding to the GAP27 domain of the second extracellular loop of the dominant vascular connexin (Cx40), designated as 40Gap27, is a biologically active peptide utilized to study the pathways by which oxidant stress hinders gap junction communication. Administered 40Gap27 attenuates endothelium-dependent subintimal smooth muscle hyperpolarization.
Targets(IC50)	Gap Junction Protein

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7755 mL	3.8775 mL	7.7551 mL
5 mM	0.1551 mL	0.7755 mL	1.551 mL
10 mM	0.0776 mL	0.3878 mL	0.7755 mL
50 mM	0.0155 mL	0.0776 mL	0.1551 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481