

Connexin mimetic peptide 40,37GAP26

Cat. No.:	HY-P5387
CAS No.:	514787-21-4
Molecular Formula:	C ₇₀ H ₁₀₅ N ₁₉ O ₁₉ S
Molecular Weight:	1548.76
Sequence:	Val-Cys-Tyr-Asp-Gln-Ala-Phe-Pro-Ile-Ser-His-Ile-Arg
Sequence Shortening:	VCYDQAFPISHIR
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Connexin mimetic peptide 40,37GAP26 is a biological active peptide. (This peptide corresponds to the GAP26 domain of the extracellular loop of the major vascular connexins (Cx37, Cx40), designated as 37, 40Gap 26 according to Cx homology. It was used to investigate the role of gap junctions in the spread of endothelial hyperpolarizations evoked by cyclopiazonic acid (CPA) through the wall of the rodent iliac artery. The gap junction plaques constructed from Cx37 and Cx40 were abundant in the endothelium. This peptide provides inhibitory effects against subintimal hyperpolarization.)

Caution: Product has not been fully validated for medical applications. For research use only.

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