

N-Cadherin mimic peptide

Chemical Properties

CAS No. :	1830290-52-2
Formula:	C35H55N11O13S
Molecular Weight:	869.95
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	N-Cadherinmimic peptide is an agonist of N-cadherin. This peptide enhances β -catenin signaling to promote the homodimerization of N-cadherin, inducing early chondrogenesis and cartilage matrix production in mesenchymal stem cells (MSCs). It holds promise for studies focused on cartilage regeneration using mesenchymal stem cells.
Targets(IC50)	Cadherin

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1495 mL	5.7475 mL	11.4949 mL
5 mM	0.2299 mL	1.1495 mL	2.299 mL
10 mM	0.1149 mL	0.5747 mL	1.1495 mL
50 mM	0.023 mL	0.1149 mL	0.2299 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.

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