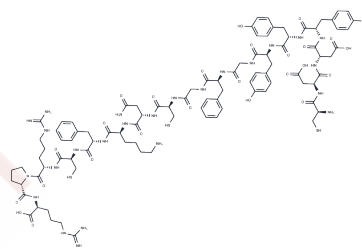


Jagged-1 (188-204)

Chemical Properties

CAS No. :	219127-21-6
Formula:	C93H127N25O26S3
Molecular Weight:	2107.4
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	Jagged-1 (188-204) is a fragment of the JAG-1 protein. JAG-1 is Notch ligand, a peptide that is the most conspicuously expressed ligand in skin. JAG-1 induces epidermal maturation. Exposing submerged keratinocytes monolayers to JAG-1 with elevated calcium concentration produces stratification with loricrin expression and NF- α B activation.
Targets(IC50)	Gamma-secretase

Solubility Information

Solubility	DMSO: 10 mM, Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4745 mL	2.3726 mL	4.7452 mL
5 mM	0.0949 mL	0.4745 mL	0.949 mL
10 mM	0.0475 mL	0.2373 mL	0.4745 mL
50 mM	0.0095 mL	0.0475 mL	0.0949 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.

Reference

Jundt F, et al. Jagged1-induced Notch signaling drives proliferation of multiple myeloma cells. Blood. 2004 May 1; 103(9):3511-5.

Wu J, Chen C, Qin C, et al. Mimicking the Biological Sense of Taste In Vitro Using a Taste Organoids-on-a-Chip System. Advanced Science. 2023: 2206101.

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