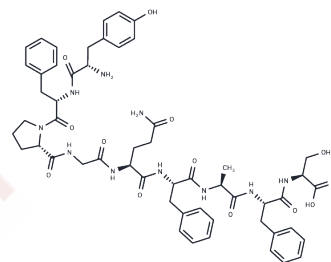


Chemerin-9 (149-157)

Chemical Properties

CAS No. :	676367-27-4
Formula:	C54H66N10O13
Molecular Weight:	1063.16
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	The nonapeptide 149,YFPGQFAFS157 (chemerin-9), corresponding to the C terminus of processed chemerin, retained most of the activity of the full-size protein, with regard to agonism toward the chemerinR.the natural ligand of ChemR23 (chemerinR).
Targets(IC50)	ERK,Beta Amyloid,Reactive Oxygen Species,Akt,Chemerin Receptor

Solubility Information

Solubility	H2O: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9406 mL	4.703 mL	9.4059 mL
5 mM	0.1881 mL	0.9406 mL	1.8812 mL
10 mM	0.0941 mL	0.4703 mL	0.9406 mL
50 mM	0.0188 mL	0.0941 mL	0.1881 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

Wittamer V, et al. The C-terminal nonapeptide of mature chemerin activates the chemerin receptor with low nanomolar potency. J Biol Chem. 2004 Mar 12;279(11):9956-62.

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