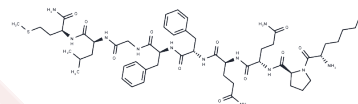


Substance P (3-11)

Chemical Properties

CAS No. :	51165-11-8
Formula:	C52H79N13O11S
Molecular Weight:	1094.33
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	Substance P (3-11), an SP fragment peptide capable of crossing the blood-brain barrier (BBB), induces contraction in guinea pig ileum and facilitates chemotaxis in human monocytes [1] [2] [5].
Targets(IC50)	Neurokinin receptor
In vitro	Substance P (3-11) can permeate the BBMEC monolayer with a penetration rate of 1.
In vivo	Substance P (3-11) (30 nmol/kg, intravenous infusion) increases histamine levels in rat plasma [4].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9138 mL	4.569 mL	9.138 mL
5 mM	0.1828 mL	0.9138 mL	1.8276 mL
10 mM	0.0914 mL	0.4569 mL	0.9138 mL
50 mM	0.0183 mL	0.0914 mL	0.1828 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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