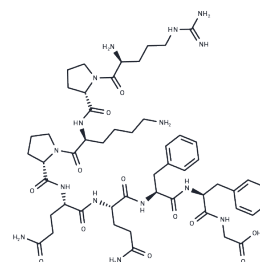


Substance P (1-9)

Chemical Properties

CAS No. :	57468-17-4
Formula:	C52H77N15O12
Molecular Weight:	1104.26
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 (1-9) is a nonapeptide that reduces the inactivation of substance P in the guinea-pig ileum and urinary bladder, and is responsible for various excitatory effects on central and peripheral neurons.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9056 mL	4.5279 mL	9.0558 mL
5 mM	0.1811 mL	0.9056 mL	1.8112 mL
10 mM	0.0906 mL	0.4528 mL	0.9056 mL
50 mM	0.0181 mL	0.0906 mL	0.1811 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

Growcott JW, et al. Effects of substance P-(1-9) nonapeptide amide on inactivation of substance P in vitro. Eur J Pharmacol. 1982 Oct 15;84(1-2):107-9.

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