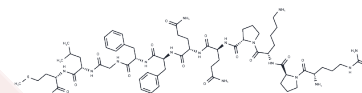


Substance P, Free Acid

Chemical Properties

CAS No. :	71977-09-8
Formula:	C63H97N17O14S
Molecular Weight:	1348.61
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, Free Acid, is a synthetic analog of native Substance P but lacks its biological activity.
Targets(IC50)	Endogenous Metabolite, Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7415 mL	3.7075 mL	7.415 mL
5 mM	0.1483 mL	0.7415 mL	1.483 mL
10 mM	0.0742 mL	0.3708 mL	0.7415 mL
50 mM	0.0148 mL	0.0742 mL	0.1483 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

Patel AB, et al. Substance P (free acid) adopts different conformation than native peptide in DMSO, water and DPPC bilayers. J Biomol Struct Dyn. 2001 Aug;19(1):129-38.

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