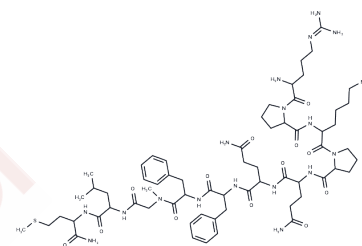


[Sar9] Substance P

Chemical Properties

CAS No. :	77128-75-7
Formula:	C64H100N18O13S
Molecular Weight:	1361.66
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	[Sar9]-Substance P is one of NK-1 receptor agonist. The action of SP on progesterone metabolism was mimicked by the rNK1-specific agonist [Sar-9, Met(O2)11]-SP.
Targets(IC50)	Neurokinin receptor

Solubility Information

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

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7344 mL	3.672 mL	7.344 mL
5 mM	0.1469 mL	0.7344 mL	1.4688 mL
10 mM	0.0734 mL	0.3672 mL	0.7344 mL
50 mM	0.0147 mL	0.0734 mL	0.1469 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

Lieberman DN, et al. Substance P enhances NMDA channel function in hippocampal dentate gyrus granule cells. *J Neurophysiol.* 1998 Jul;80(1):113-9.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481