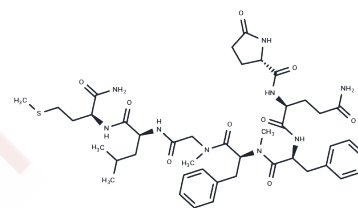


[Glp5,(Me)Phe8,Sar9] Substance P (5-11)

Chemical Properties

CAS No. :	77128-69-9
Formula:	C43H61N9O9S
Molecular Weight:	880.06
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	[Glp5,(Me)Phe8,Sar9] Substance P (5-11) (DiMe-C7) is an analogue of Substance P that acts on the neurokinin 1 receptor (NK1R) in rat brain, similarly to Substance P but with a significantly extended duration of action. This compound selectively enhances dopamine metabolism within the mesencephalon and midbrain cortex, increases motor activity, and facilitates the resumption of addictive agent-seeking behavior in rats [1] [2] [3].
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1363 mL	5.6814 mL	11.3629 mL
5 mM	0.2273 mL	1.1363 mL	2.2726 mL
10 mM	0.1136 mL	0.5681 mL	1.1363 mL
50 mM	0.0227 mL	0.1136 mL	0.2273 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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