

[D-Trp7,9,10]-Substance P acetate

Chemical Properties

CAS No. :

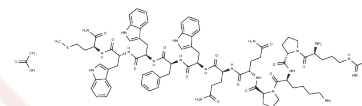
Formula: C81H109N21O15S

Molecular Weight: 1648.93

Keep away from moisture

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	[D-Trp7,9,10]-Substance P acetate is an analogue of substance P which inhibits ion conductance through nicotinic acetylcholine receptors.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6065 mL	3.0323 mL	6.0645 mL
5 mM	0.1213 mL	0.6065 mL	1.2129 mL
10 mM	0.0606 mL	0.3032 mL	0.6065 mL
50 mM	0.0121 mL	0.0606 mL	0.1213 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

Mukai H, et al. G protein antagonists. A novel hydrophobic peptide competes with receptor for G protein binding. J Biol Chem. 1992;267(23):16237-16243.

Eardley D, et al. Both substance P agonists and antagonists inhibit ion conductance through nicotinic acetylcholine receptors on PC12 cells. Eur J Pharmacol. 1985;114(1):101-104.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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