

Substance P(1-4) Acetate

Chemical Properties

CAS No. :

Formula: C24H44N8O7

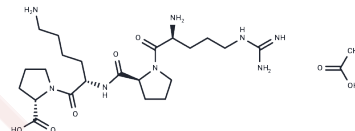
Molecular Weight: 556.66

Storage:

Keep away from moisture, Store at low temperature

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	Substance P(1-4) Acetate is a neurokinin receptor (NK-R) antagonist that inhibits the formation of PV EEC, affecting the proliferation and differentiation of PV CD36+ erythroid progenitor cells.
Targets(IC50)	Neurokinin receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7964 mL	8.9821 mL	17.9643 mL
5 mM	0.3593 mL	1.7964 mL	3.5929 mL
10 mM	0.1796 mL	0.8982 mL	1.7964 mL
50 mM	0.0359 mL	0.1796 mL	0.3593 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

Khan S, et al. Evidence for modulatory effects of substance P fragments (1-4) and (8-11) on endogenous dopamine outflow in rat striatal slices. *Neurosci Lett.* 1996 Feb 16;205(1):33-6.

Khan S, et al. Substance P fragments and striatal endogenous dopamine outflow: interaction with substance P. *Neuropeptides.* 1998 Dec;32(6):519-26.

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