

MEN 10207 acetate

Chemical Properties

CAS No. :

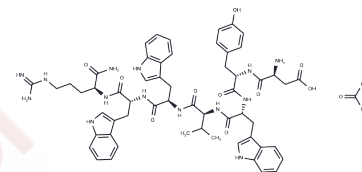
Formula: C59H72N14O12

Molecular Weight: 1169.29

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	MEN 10207 acetate is a selective antagonist for NK-2 tachykinin receptor.
Targets(IC50)	Neurokinin receptor
In vivo	Intrathecal neurokinin A and substance P facilitate the flexor reflex in a similar manner. The reflex facilitation to intrathecal neurokinin A, but not substance P, is dose-dependently blocked by pretreatment with Men 10207 acetate[2].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8552 mL	4.2761 mL	8.5522 mL
5 mM	0.171 mL	0.8552 mL	1.7104 mL
10 mM	0.0855 mL	0.4276 mL	0.8552 mL
50 mM	0.0171 mL	0.0855 mL	0.171 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

Rovero P, Astolfi M, Renzetti AR, Patacchini R, Giachetti A, Maggi CA. Role of D-tryptophan for affinity of MEN 10207 tachykinin antagonist at NK2 receptors. *Peptides*. 1991 Sep-Oct;12(5):1015-8. doi: 10.1016/0196-9781(91)90053-r. PMID: 1666180.

Xu XJ, Maggi CA, Wiesenfeld-Hallin Z. On the role of NK-2 tachykinin receptors in the mediation of spinal reflex excitability in the rat. *Neuroscience*. 1991;44(2):483-90.

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