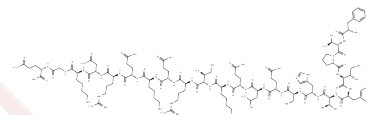


Motilin, canine

Chemical Properties

CAS No. :	85490-53-5
Formula:	C120H194N36O34
Molecular Weight:	2685.05
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	Motilin canine, a 22-amino acid peptide, functions as a robust gastrointestinal smooth muscle contraction agonist.
Targets(IC50)	Motilin Receptor

Solubility Information

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

	1mg	5mg	10mg
1 mM	0.3724 mL	1.8622 mL	3.7243 mL
5 mM	0.0745 mL	0.3724 mL	0.7449 mL
10 mM	0.0372 mL	0.1862 mL	0.3724 mL
50 mM	0.0074 mL	0.0372 mL	0.0745 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

Farrugia G, et al. Motilin and OHM-11526 activate a calcium current in human and canine jejunal circular smooth muscle. Am J Physiol. 1997 Aug;273(2 Pt 1):G404-12.

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