

GsMTx4

Chemical Properties

CAS No.:	1209500-46-8
Formula:	C185H279N49O45S6
Molecular Weight:	4101.89
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

Biological Description

Description	GsMTx-4, mechanosensitive and stretch-activated ion channel inhibitor (CAS 1209500-46-8).
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Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.244 mL	1.219 mL	2.438 mL
5 mM	0.049 mL	0.244 mL	0.488 mL
10 mM	0.024 mL	0.122 mL	0.244 mL
50 mM	0.005 mL	0.024 mL	0.049 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Gnanasambandam R, et al. GsMTx4: Mechanism of Inhibiting Mechanosensitive Ion Channels. *Biophys J.* 2017 Jan 10;112(1):31-45.

Inhibitors · Natural Compounds · Compound Libraries

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481