

ProTx II

Chemical Properties

CAS No. :	484598-36-9
Formula:	C168H250N46O41S8
Molecular Weight:	3826.59
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	Selective NaV1.7 channel blocker. Shifts activation gating positively and decreases current magnitude. Displays 100-fold selectivity over other sodium channel subtypes.
Targets(IC50)	Sodium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2613 mL	1.3066 mL	2.6133 mL
5 mM	0.0523 mL	0.2613 mL	0.5227 mL
10 mM	0.0261 mL	0.1307 mL	0.2613 mL
50 mM	0.0052 mL	0.0261 mL	0.0523 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

Tanaka K, et al. Antihyperalgesic effects of ProTx-II, a Nav1.7 antagonist, and A803467, a Nav1.8 antagonist, in diabetic mice. J Exp Pharmacol. 2015 Jun 24;7:11-6.

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