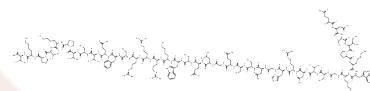


## Psalmotoxin 1

## Chemical Properties

CAS No. :	880107-52-8
Formula:	C200H312N62O57S6
Molecular Weight:	4689.41
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	Psalmotoxin 1 is a potent and selective acid-sensing ion channel 1a (ASIC1a) blocker.
Targets(IC50)	Apoptosis,Sodium Channel

## 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	0.2132 mL	1.0662 mL	2.1325 mL
5 mM	0.0426 mL	0.2132 mL	0.4265 mL
10 mM	0.0213 mL	0.1066 mL	0.2132 mL
50 mM	0.0043 mL	0.0213 mL	0.0426 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

Chen X, et al. The tarantula toxin psalmotoxin 1 inhibits acid-sensing ion channel (ASIC) 1a by increasing its apparent H

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