

GpTx-1 TFA

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage: Keep away from moisture
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	GpTx-1 TFA is a polypeptide NaV1.7 sodium channel antagonist isolated from the venom of the Chilean spider Grammostola porter. It exhibits potent inhibitory activity on the NaV1.7 channel with an IC50 value of 10 nM, demonstrating excellent selectivity over NaV1.4 (IC50 = 0.301 μM) and NaV1.5 (IC50 = 4.20 μM) with >20-fold and >950-fold selectivity, respectively.
Targets(IC50)	Sodium Channel

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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