GsMTx4 Inhibitor – TFA

PRODUCT OVERVIEW

Product Name	GsMTx4 TFA, Inhibitor
Full Product Name	GsMTx4 TFA
Product Gene Name	GsMTx4, inhibitor
Form/Format	Solid. Powder
Purity/Purification	98.00%
Preparation and Storage	Store at -20 degree C for 3 years powder -80 degree C for 2 years in solvent
Molecular Weight	4215.91
Solubility	H2O: 16.67mg/mL (3.95mM) Need ultrasonic (<1mg/ml refers to the product slightly soluble or insoluble)
Formula	C187H280N49F3O47S6
SMILES	OC(=O)C(F)(F)F.CC(C)C[C@H](NC(=O)[C@H](CS)NC(=O)CN)C(=O)N[C@@H](CCC(O)=O)C(=O)N[C@@H](CC1=CC=CC=C1)C(=O)N[C@@H](CC
Related Product Information for GsMTx4, inhibitor	GsMTx4 TFA is a spider venom peptide that selectively inhibits cationic permeable mechanically-sensitive channels (MSCs) belonging to the Piezo and
Product References and Citations for GsMTx4, inhibitor	Gnanasambandam R, et al. GsMTx4: Mechanism of Inhibiting Mechanosensitive Ion Channels. Biophys J. 2017 Jan 10;112(1):31-45. Liu Q, et al. Increased Piezo1 channel activity in interstitial Cajal-like cells induces bladder hyperactivity by functionally interacting with NCX1 in rats wit
Other Notes	Small volumes of GsMTx4, inhibitor vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessar
Searchable Terms for GsMTx4 purchase	MBS5763562 is an inhibitor targeting GsMTx4. Also known as GsMTx4 TFA.

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Online datasheet: https://www.mybiosource.com/inhibitor/gsmtx4-tfa/5763562