

ω -Tbo-IT1

Chemical Properties

CAS No. :

Formula: C171H285N61O53S9

Molecular Weight: 4332.05

Keep away from moisture

Storage: 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	ω -Tbo-IT1, a peptide toxin extracted from the venom of Tibellus oblongus, functions as an inhibitor of insect calcium channels [1].
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2308 mL	1.1542 mL	2.3084 mL
5 mM	0.0462 mL	0.2308 mL	0.4617 mL
10 mM	0.0231 mL	0.1154 mL	0.2308 mL
50 mM	0.0046 mL	0.0231 mL	0.0462 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481