

## Mambalgin-2

## Chemical Properties

CAS No. :

Formula: C272H431N85O83S10

Molecular Weight: 6540.5

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	Mambalgin-2 (Mamb-2), a venom peptide sourced from the African black mamba, acts as an inhibitor of acid-sensitive ion channels (ASICs). It is utilized in research focused on pain and neurological diseases [1].
Targets(IC50)	Sodium Channel

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.1529 mL	0.7645 mL	1.5289 mL
5 mM	0.0306 mL	0.1529 mL	0.3058 mL
10 mM	0.0153 mL	0.0764 mL	0.1529 mL
50 mM	0.0031 mL	0.0153 mL	0.0306 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