

Corza6

## Chemical Properties

CAS No. :

Formula: C203H293N55O61S7

Molecular Weight: 4704.29

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	Corza6 is a potent and selective peptide inhibitor of the human voltage-gated proton channel (hHv1). It binds to the external voltage sensor domain (VSD) loop in hHv1 at a resting membrane potential (RMP) of natural hyperpolarization in mammalian cells with a Kd of approximately 1 nM. Corza6 facilitates sperm capacitation and permits sustained production of reactive oxygen species (ROS) in leukocytes (WBC).
Targets(IC50)	Proton pump,Reactive Oxygen Species,ROS

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2126 mL	1.0629 mL	2.1257 mL
5 mM	0.0425 mL	0.2126 mL	0.4251 mL
10 mM	0.0213 mL	0.1063 mL	0.2126 mL
50 mM	0.0043 mL	0.0213 mL	0.0425 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