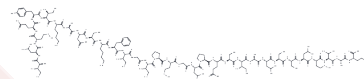


## TpD

## Chemical Properties

CAS No. :	1273551-45-3
Formula:	C158H264N38O42S3
Molecular Weight:	3464.21
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	TpD is a chimeric T-helper epitope that features a specific site for cleavage by caspases. Immunization with TpD induces a strong antibody response and enhances long-term CD4 immune reactions in both animals and humans. It effectively binds to various human MHCII types, primarily HLA-DRB1, and also interacts with other HLA alleles, including DRB3, DRB4, DRB5, DP, and DQ. TpD can be utilized to amplify the immune response in peptide vaccines.
Targets(IC50)	MHC

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2887 mL	1.4433 mL	2.8867 mL
5 mM	0.0577 mL	0.2887 mL	0.5773 mL
10 mM	0.0289 mL	0.1443 mL	0.2887 mL
50 mM	0.0058 mL	0.0289 mL	0.0577 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