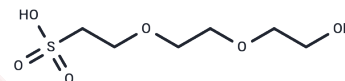


## Hydroxy-PEG2-C2-sulfonic acid

## Chemical Properties

CAS No. :	112724-27-3
Formula:	C <sub>6</sub> H <sub>14</sub> O <sub>6</sub> S
Molecular Weight:	214.24
Storage:	Keep away from direct sunlight 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	Hydroxy-PEG2-C2-sulfonic acid, a PEG-based linker for PROTACs, connects two essential ligands critical for forming PROTAC molecules, thereby enabling selective protein degradation through the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs are bifunctional molecules with two distinct ligands linked together: one ligand targets an E3 ubiquitin ligase, while the other binds to the target protein. By leveraging the intracellular ubiquitin-proteasome system, PROTACs achieve selective degradation of target proteins.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.6677 mL	23.3383 mL	46.6766 mL
5 mM	0.9335 mL	4.6677 mL	9.3353 mL
10 mM	0.4668 mL	2.3338 mL	4.6677 mL
50 mM	0.0934 mL	0.4668 mL	0.9335 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.

## Reference

Upali Weersooriya, et al. Process for preparing isethionate ethoxylates. WO9529144A1

**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