

## Propynol Ethoxylate

## Chemical Properties

CAS No. : 3973-18-0

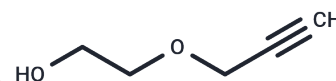
Formula: C<sub>5</sub>H<sub>8</sub>O<sub>2</sub>

Molecular Weight: 100.12

Keep away from direct sunlight

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	Propynol Ethoxylate is a PEG-based linker for PROTACs [Proteolysis Targeting Chimeras] that connects two essential ligands, facilitating the formation of PROTAC molecules and enabling selective protein degradation via the ubiquitin-proteasome system within cells.
Targets(IC50)	Others,PROTAC Linker
In vitro	PROTACs consist of two distinct ligands joined by a linker: one targets an E3 ubiquitin ligase, and the other binds to the target protein. They leverage the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	9.988 mL	49.9401 mL	99.8801 mL
5 mM	1.9976 mL	9.988 mL	19.976 mL
10 mM	0.9988 mL	4.994 mL	9.988 mL
50 mM	0.1998 mL	0.9988 mL	1.9976 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

An S, et al. Small-molecule PROTACs: An emerging and promising approach for the development of targeted therapy drugs. EBioMedicine. 2018 Oct;36:553-562

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