# Heptaethylene glycol

**Cat. No.:** HY-141231

**CAS No.:** 5617-32-3

**Molecular Formula:** $C_{14}H_{30}O_8$

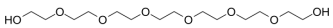
**Molecular Weight:** 326.38

**Target:** PROTAC Linkers

**Pathway:** PROTAC

**Storage:**

| | | |
|---|---|---|
| Pure form | -20°C | 3 years |
| | 4°C | 2 years |
| In solvent | -80°C | 6 months |
| | -20°C | 1 month |



## BIOLOGICAL ACTIVITY

| | |
|---|---|
| **Description** | Heptaethylene glycol is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1]. |
| **$IC_{50}$ & Target** | PEGs |
| **In Vitro** | PROTACs contain two different ligands connected by a linker; one is a ligand for an E3 ubiquitin ligase and the other is for the target protein. PROTACs exploit the intracellular ubiquitin-proteasome system to selectively degrade target proteins[1].<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

## REFERENCES

[1]. 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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