

# **Product** Data Sheet

Inhibitors

**Screening Libraries** 

**Proteins** 

## Sulfone-Bis-PEG4-acid

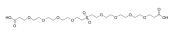
Cat. No.: HY-140601 CAS No.: 2055024-37-6 Molecular Formula:  $C_{22}H_{42}O_{14}S$ 

Molecular Weight: 562.63 Target: **PROTAC Linkers** 

Pathway: PROTAC

Storage: Please store the product under the recommended conditions in the Certificate of

Analysis.



### **BIOLOGICAL ACTIVITY**

Description	$Sulfone-Bis-PEG4-acid\ is\ a\ PEG-based\ PROTAC\ linker\ that\ can\ be\ used\ in\ the\ synthesis\ of\ PROTACs^{[1]}.$
IC <sub>50</sub> & 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 <sup>[1]</sup> . 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

Caution: Product has not been fully validated for medical applications. For research use only.

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