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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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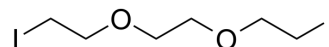
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1,2-Bis(2-iodoethoxy)ethane

Cat. No.:	HY-133143
CAS No.:	36839-55-1
Molecular Formula:	C ₆ H ₁₂ I ₂ O ₂
Molecular Weight:	369.97
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	1,2-Bis(2-iodoethoxy)ethane is a PEG-based PROTAC linker. 1,2-Bis(2-iodoethoxy)ethane can be used in the synthesis of MT802 (HY-122562) and SJF620 (HY-133137). MT-802 and SJF620 are potent PROTAC BTK degraders with DC ₅₀ S of 1 nM and 7.9 nM, respectively ^[1] .
IC₅₀ & Target	PEGs
In Vitro	1,2-Bis(2-iodoethoxy)ethane is a PROTAC linker, which refers to the PEG composition. 1,2-Bis(2-iodoethoxy)ethane can be used in the synthesis of a series of PROTACs, such as MT802 (HY-122562) and SJF620 (HY-133137). PROTAC MT802 (HY-122562) has a ligand specific for BTK, and a ligand specific to a E3 ligase cereblon (CRBN) connected by polyethylene glycol (PEG) linker 1,2-Bis(2-iodoethoxy)ethane ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Jaime-Figueroa S, et al. Design, synthesis and biological evaluation of Proteolysis Targeting Chimeras (PROTACs) as a BTK degraders with improved pharmacokinetic properties. 2020 Feb 1;30(3):126877.

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

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