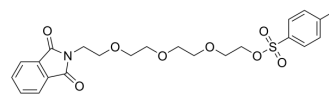


Phthalimide-PEG3-C2-OTs

Cat. No.:	HY-129772
CAS No.:	382162-12-1
Molecular Formula:	C ₂₃ H ₂₇ NO ₈ S
Molecular Weight:	477.53
Target:	PROTAC Linkers
Pathway:	PROTAC
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Phthalimide-PEG3-C2-OTs (Compound 5) is a PROTAC linker, which refers to the PEGs composition. Phthalimide-PEG3-C2-OTs can be used in the synthesis of a series of PROTACs. 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] .
IC ₅₀ & Target	PEGs

REFERENCES

[1]. Stegmaier P, et al. Photoactive branched and linear surface architectures for functional and patterned immobilization of proteins and cells onto surfaces: a comparative study. *Chemphyschem*. 2009 Feb 2;10(2):357-69.

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

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