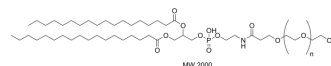


DSPE-PEG-OH, MW 2000

Cat. No.:	HY-140741
Target:	PROTAC Linkers; Liposome
Pathway:	PROTAC; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	DSPE-PEG-OH, MW 2000 is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs ^[1] . Additionally, DSPE-PEG-OH, MW 2000 can also be used for drug delivery ^[2] .
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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- J Nanobiotechnology. 2022 Oct 20;20(1):454.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Gao Y, Sun Y, Liao G, Zhang H, Long Q. DSPE-PEG polymers for improving pulmonary absorption of poorly absorbed macromolecules in rats and relative mechanism. Drug Dev Ind Pharm. 2021;47(2):337-346.

[2]. 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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