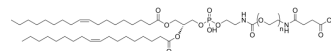


DOPE-PEG-COOH (MW 2000)

Cat. No.:	HY-W440827		
Target:	Liposome		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Pure form	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	DOPE-PEG-COOH (MW 2000) is a PEG-based PROTAC linker. DOPE-PEG-COOH (MW 2000) can be used in the synthesis of PROTACs. DOPE-PEG-COOH (MW 2000) can be used for drug delivery, gene transfection and vaccine delivery ^[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] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Eur J Pharm Sci. 2023 Aug 26;106570.

See more customer validations on www.MedChemExpress.com

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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