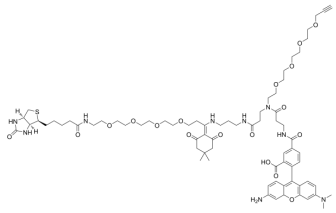
Dde Biotin-PEG4-TAMRA-PEG4 Alkyne

Cat. No.:	HY-140877
CAS No.:	2353409-55-7
Molecular Formula:	$C_{72}H_{101}N_9O_{18}S$
Molecular Weight:	1412.69
Target:	Fluorescent Dye
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Dde Biotin-PEG4-TAMRA-PEG4 Alkyne is a dye derivative of TAMRA (HY-135640) modified with a cleavable biotin group. Dde Biotin-PEG4-TAMRA-PEG4 Alkyne contains Alkyne groups that can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAc) with molecules containing Azide groups.
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.

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

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