N,N'-bis-(Acid-PEG3)-benzothiazole Cy5

Cat. No.: HY-141043

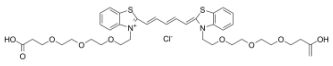
Molecular Formula: $C_{38}H_{49}ClN_2O_9S_2$

Molecular Weight: 777.39

Target: PROTAC Linker

Pathway: PROTAC

Storage: Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	N,N'-bis-(Acid-PEG3)-benzothiazole Cy5 is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[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.

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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