
Product Data Sheet

Product Name: Cy5-PEG3-azide

Cat. No.: GC61630

Chemical Properties

Cas. No.

SMILES CC(C1=CC=CC=C1N/2C)(C)C2=C/C=C/C=C/C3=[N+](CCCCC(NCCOCCOCCOCCN=[N+]=[N-])=O)C(C=CC=C4)=C4C3(C)C.[Cl-]

Formula $C_{40}H_{55}ClN_6O_4$ M.Wt 719.36

Solubility Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure **Background**

Cy5-PEG3-azide is a PEG-based PROTAC linker that can be used in the synthesis of PROTACs[1].

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].

[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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