
Product Data Sheet

Product Name: Azido-PEG5-PFP ester

Cat. No.: GC66705

Chemical Properties

Cas. No. 1818294-48-2

Formula $C_{19}H_{24}F_5N_3O_7$ M.Wt 501.4

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**

Azido-PEG5-PFP ester is a PEG- and Alkyl/ether-based **PROTAC linker** 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]. Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

Caution: Product has not been fully validated for medical applications. For research use only.

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