
Product Data Sheet

Product Name: Propargyl-PEG5-1-o-(b-cyanoethyl-n,n-diisopropyl)phosphoramidite
Cat. No.: GC66900

Chemical Properties

Cas. No. 1682657-14-2

Formula $C_{20}H_{37}N_2O_6P$ M.Wt 432.49

Solubility Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility , please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ 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

Propargyl-PEG5-1-o-b-cyanoethyl-nn-diisopropylphosphoramidite 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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