
Product Data Sheet

Product Name: DBCO-PEG12-NHS ester

Cat. No.: GC66273

Chemical Properties

Cas. No. 2093934-94-0

Formula $C_{50}H_{71}N_3O_{18}$

M.Wt 1002.11

Solubility DMSO : 100 mg/mL (99.79 mM);
ultrasonic and warming and heat to
60°C)

Store at -20°C, protect
Storage from light, stored under
nitrogen

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

DBCO-PEG12-NHS ester 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].

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

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