# Product Data Sheet

Product Name: Decaethylene glycol dodecyl ether
Cat. No.: GC66508

## Chemical Properties

| | | | |
|---|---|---|---|
| Cas. No. | 618113-48-7 | | |
| Formula | $C_{32}H_{66}O_{11}$ | M.Wt | 626.86 |
| Solubility | | Storage | Store at -20°C |
| General tips | For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ 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

Decaethylene glycol dodecyl ether 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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