
Product Data Sheet

Product Name: Lipoamido-PEG4-azide

Cat. No.: GC66812

Chemical Properties

Cas. No. 890016-39-4

Formula $C_{16}H_{30}N_4O_4S_2$ M.Wt 406.56

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**

Lipoamido-PEG4-azide is a PEG-based PROTAC linker can be used in the synthesis of PROTACs.

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.

Lipoamido-PEG3-azide (compound 12) can be used for the synthesis of surface ligands to prepare hydrophilic and biologically compatible quantum dots^[1]

[1]. H. Tetsuo Uyeda, et al. Synthesis of surface ligands to prepare hydrophilic and biologically compatible quantum dots. doi: 10.1117/12.590494

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

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