

Product Data Sheet

Product Name: Bis-propargyl-PEG3

Cat. No.: GC61968

Chemical Properties

Cas. No. 126422-58-0

SMILES C#CCOCCOCCOCCOCC#C

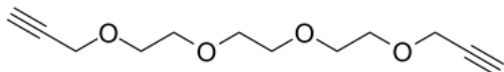
Formula $C_{12}H_{18}O_4$ M.Wt 226.27

Solubility DMSO : 100 mg/mL (441.95 mM) 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

Bis-propargyl-PEG3 is a PEG-based PROTAC linker used in the synthesis of PROTACs. Bis-

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

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Address: 10292 Central Ave. #205, Montclair, CA, USA

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propargyl-PEG3 is used in the synthesis of zinc-dipicolylamine (ZnDPA) complexes with antiplasmodial activity[1] [2].

Bis-propargyl-PEG3 is used in the synthesis of zinc-dipicolylamine (ZnDPA) complexes with antiplasmodial activity against three strains of *Plasmodium falciparum* [2].

[1]. Pearlie BURNETTE, et al. Dimeric immuno-modulatory compounds against cereblon-based mechanisms. WO2020014489A2.

[2]. Rice DR, et al. Antiplasmodial activity of targeted zinc(II)-dipicolylamine complexes. *Bioorg Med Chem.* 2017 May 15;25(10):2754-2760.

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