

## Data Sheet (Cat.No.T17477)

Azido-PEG1-CH<sub>2</sub>COO-Cl

### Chemical Properties

CAS No.:	79598-49-5
Formula:	C <sub>4</sub> H <sub>6</sub> ClN <sub>3</sub> O <sub>2</sub>
Molecular Weight:	163.56
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).

### Biological Description

Description	Azido-PEG1-CH <sub>2</sub> COO-Cl (compound 43a) is an alkyl/ether-based PROTAC linker. Azido-PEG1-CH <sub>2</sub> COO-Cl can be used in the synthesis of PROTAC BRD4 Degradator-1[1].
Targets(IC <sub>50</sub> )	Alkyl/ether: None
In vitro	PROTAC BRD4 Degradator-1 is an efficacious BRD4 degrader with an IC <sub>50</sub> of 41.8 nM against BRD4 BD1. PROTAC BRD4 Degradator-1 can effectively degrade BRD4 protein and suppress c-Myc expression[1].

### Solubility Information

Solubility	< 1 mg/ml refers to the product slightly soluble or insoluble
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#### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.114 mL	30.57 mL	61.14 mL
5 mM	1.223 mL	6.114 mL	12.228 mL
10 mM	0.611 mL	3.057 mL	6.114 mL
50 mM	0.122 mL	0.611 mL	1.223 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

#### Reference

1. Zhang F, et al. Discovery of a new class of PROTAC BRD4 degraders based on a dihydroquinazolinone derivative and lenalidomide/pomalidomide. *Bioorg Med Chem.* 2020 Jan 1;28(1):115228.

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