
Product Data Sheet

Product Name: N-Boc-PEG2-bromide

Cat. No.: GC62704

Chemical Properties

Cas. No. 164332-88-1

Formula $C_9H_{18}BrNO_3$ M.Wt 268.15

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**

N-Boc-PEG2-bromide is a PEG/Alkyl/ether-based PROTAC linker can be used in the synthesis of PROTACs. N-Boc-PEG2-bromide is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[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. ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

[1]. Ruben HERRENDORFF, et al. Carbohydrate ligands that bind to antibodies against glycoepitopes of glycosphingolipids. WO2017046172A1.

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

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