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## Product Data Sheet

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Product Name: m-PEG4-Br

Cat. No.: GC66178

### Chemical Properties

Cas. No. 110429-45-3

Formula  $C_9H_{19}BrO_4$

M.Wt

271.15

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

m-PEG4-Br is a cleavable **ADC linker** used in the synthesis of antibody-drug conjugate (ADC) for Trastuzumab. m-PEG4-Br is placed distally from the monomethyl auristatin E (MMAE) payload to yield an ADC with altered hydrophilicity, antigen binding, and in vitro potency<sup>[1]</sup>. m-PEG4-Br also can be used as a PROTAC linker that can be used in the synthesis of PROTACs.

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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