
Product Data Sheet

Product Name: DBCO-PEG4-acetic-Val-Cit-PAB

Cat. No.: GC60743

Chemical Properties

Cas. No.

SMILES O=C(CCC(NCCOCCOCCOCC(N[C@@H](C(C)C)C(N[C@H](C(NC1=CC=C(CO)C=C1)=O)CCCNC(N)=O)=O)=O)N2CC3=CC=CC=C3C#CC4=CC=CC=C42

Formula C₄₅H₅₇N₇O₁₀

M.Wt

855.97

Solubility

Storage

Store at -20°C

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the ultrasonic tips bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice Condition upon request.

Structure **Background**

DBCO-PEG4-acetic-Val-Cit-PAB is a cleavable 4 unit PEG ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

ADCs are comprised of an antibody to which is attached an ADC cytotoxin through an ADC linker[1].

[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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

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