
Product Data Sheet

Product Name: MC-Val-Cit-PAB Linker 1

Cat. No.: GC36566

Chemical Properties

Cas. No.

SMILES O=C(N[C@H](C(C)C)C(N[C@@H](CCCC(N)=O)C(NC1=CC=C(CCl)C=C1)=O)=O)CCCCCN2C(C=CC2=O)=O

Formula $C_{28}H_{39}ClN_6O_6$ M.Wt 591.1

Solubility Soluble in DMSO 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**

MC-Val-Cit-PAB-Cl has a bioreversible linkage based on a quaternary ammonium for targeted delivery and it can improve pharmacokinetics and the therapeutic index. MC-Val-Cit-PAB-Cl is used for the antibody-drug conjugates (ADC) that are effective and stable in vitro and in vivo to treat various diseases or disorders [1].

[1]. Staben LR, et al. Targeted drug delivery through the traceless release of tertiary and heteroaryl amines from antibody-drug conjugates. Nat Chem. 2016 Dec;8(12):1112-1119.

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
