
Product Data Sheet

Product Name: MC-Val-Cit-PAB-dimethylDNA31

Cat. No.: GC36570

Chemical Properties

Cas. No. 1639352-06-9

Formula C₇₈H₁₀₁N₁₀O₁₉

M.Wt

1482.69

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-dimethylDNA31 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-dimethylDNA31 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.

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