
Product Data Sheet

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

Cat. No.: GC36573

Chemical Properties

Cas. No. 1639793-15-9

SMILES C[C@@H]1C23[C@](C(CC3)=O)([H])C([C@H](OC(CS[C@@H]4C[C@@H]5[N@+](CC6=CC=C(NC([C@H](CCCNC(N)=O)NC([C@H](C(C)C)NC(CCCCCN7C(C=CC7=O)=O)=O)=O)=O)C=C6)(C)[C@@H](CC5)C4)=O)C[C@](C=C)(C)[C@H]1O)([C@H](C)CC2)C

Formula C₅₈H₈₆N₇O₁₀S M.Wt 1073.41

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-retapamulin 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-retapamulin 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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