
Product Data Sheet

Product Name: MC-VA-PABC-MMAE

Cat. No.: GC65109

Chemical Properties

Cas. No. 1818864-51-5

Formula C₆₅H₉₉N₉O₁₄ M.Wt 1230.53

Solubility DMSO : 100 mg/mL (81.27 mM; Need ultrasonic) Storage Store at -20°C, sealed storage, away from moisture and light

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-VA-PABC-MMAE is a drug-linker conjugate for ADC. MC-VA-PABC-MMAE contains the ADCs linker (peptide MC-VA-PABC) and a potent tubulin polymerization inhibitor MMAE [1][2].

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

[1]. Wang Y, et al. Development of applicable thiol-linked antibody-drug conjugates with improved stability and therapeutic index. Drug Deliv. 2022 Dec;29(1):754-766. [2]. Cazzamalli S, et al. Linker stability influences the anti-tumor activity of acetazolamide-drug conjugates for the therapy of renal cell carcinoma. J Control Release. 2017 Jan 28;246:39-45.

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