

Product Data Sheet

Product Name: MC-Val-Ala-PBD

Cat. No.: GC39403

Chemical Properties

Cas. No. 1342820-51-2

SMILES O=C(C1=CC(OC)=C(OCCOC(C=C(N=C[C@@]2([H])N(C=C(C3=CC=C(OC)C=C3)C2)C4=O)C4=C5)=C5OC)C=C1N=C6)N7[C@@]6([H])CC(C8=CC=C(NC([C@H](C)NC([C@H](C(C)C)NC(CCCCN(C9=O)C(C=C9)=O)=O)=O)=O)C=C8)=C7

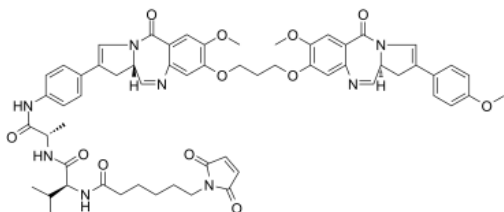
Formula $C_{60}H_{64}N_8O_{12}$ M.Wt 1089.2

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-Ala-PBD is a drug-linker conjugate for ADC by using the antitumor antibiotic, pyrrolobenzodiazepine (PBD, a cytotoxic DNA crosslinking), linked via the cleavable linker MC-Val-Ala[1].

[1]. Jeffrey SC, et al. A potent anti-CD70 antibody-drug conjugate combining a dimeric

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

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pyrrolobenzodiazepine drug with site-specific conjugation technology. Bioconjug Chem. 2013 Jul 17;24(7):1256-63.

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