

Product Data Sheet

Product Name: MC-Val-Ala-PAB-PNP

Cat. No.: GC62039

Chemical Properties

Cas. No. 1639939-40-4

SMILES O=C(C=CC1=O)N1CCCCC(N[C@@H](C(C)C)C(N[C@@H](C)C(NC(C=C2)=CC=C2COC(OC3=CC=C(C=C3)[N+](=[O-])=O)=O)=O)=O

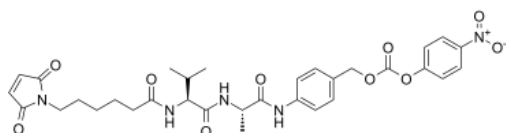
Formula $C_{32}H_{37}N_5O_{10}$ M.Wt 651.66

Solubility Storage Store at -20°C, protect from light, stored under nitrogen

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-PAB-PNP is a cleavable ADC linker used in the synthesis of antibody-drug conjugates (ADCs)[1].

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

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

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[1]. Beck A, et al. Strategies and challenges for the next generation of antibody-drug conjugates. Nat Rev Drug Discov. 2017 May;16(5):315-337.

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