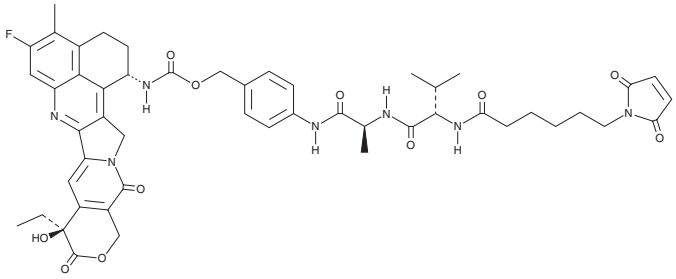
PRODUCT INFORMATION

Mc-Val-Ala-PAB-Exatecan

Item No. 46521



CAS Registry No.: 2680543-57-9
Formal Name: N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-valyl-N-[4-[[[[[(1S,9S)-9-ethyl-5-fluoro-2,3,9,10,13,15-hexahydro-9-hydroxy-4-methyl-10,13-dioxo-1H,12H-benzo[de]-pyrano[3′,4′:6,7]indolizino[1,2-b]quinolin-1-yl]amino]carbonyl]oxy]-methyl]phenyl]-L-alaninamide
Synonym: MC-VA-PAB-Exatecan
MF: $C_{50}H_{54}FN_7O_{11}$
FW: 948.0
Purity: ≥98%
Supplied as: A solid
Storage: -20°C
Stability: ≥4 years

Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Mc-Val-Ala-PAB-exatecan is supplied as a solid. A stock solution may be made by dissolving the Mc-Val-Ala-PAB-exatecan in the solvent of choice, which should be purged with an inert gas. Mc-Val-Ala-PAB-exatecan is slightly soluble (0.1-1 mg/ml) in acetonitrile and DMSO.

Description

Mc-Val-Ala-PAB-exatecan is a reactive drug-linker molecule that has been used in the synthesis of antibody-drug conjugates for use in cancer cells *in vitro*.[1] It contains a maleimidocaproyl (Mc) linker group that can be conjugated to an antibody, a cleavable Val-Ala dipeptide, a *p*-aminobenzyl (PAB) spacer, and the DNA topoisomerase I inhibitor exatecan (Item No. 35452) as the cytotoxic payload.

Reference

1. Bamdad, C., Smagghe, B., Moe, S.T., *et al.* Anti-MUCI * antibody drug complexes and uses thereof. *Minvera Biotechnologies Corporation*, **WO2025/080693A1** (2025).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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