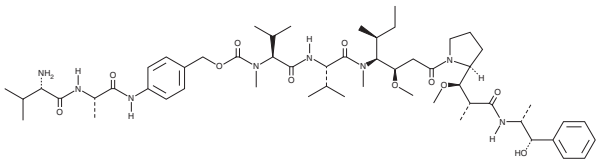
PRODUCT INFORMATION

Val-Ala-PAB-MMAE

Item No. 46515

CAS Registry No.: 1912408-92-4
Formal Name: 4-((S)-2-((S)-2-amino-3-methylbutanamido) propanamido)benzyl ((S)-1-(((S)-1-(((3R,4S,5S)-1-((S)-2-((1R,2R)-3-(((1S,2R)-1-hydroxy-1-phenylpropan-2-yl)amino)-1-methoxy-2-methyl-3-oxopropyl)pyrrolidin-1-yl)-3-methoxy-5-methyl-1-oxoheptan-4-yl)(methyl)amino)-3-methyl-1-oxobutan-2-yl)amino)-3-methyl-1-oxobutan-2-yl) (methyl)carbamate
Synonym: Val-Ala-*p*-aminobenzyl-Monomethyl Auristatin E
MF: $C_{55}H_{88}N_8O_{11}$
FW: 1,037.4
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

Val-Ala-PAB-MMAE is supplied as a solid. A stock solution may be made by dissolving the Val-Ala-PAB-MMAE in the solvent of choice, which should be purged with an inert gas. Val-Ala-PAB-MMAE is soluble (≥10 mg/ml) in ethanol and DMSO.

Description

Val-Ala-PAB-MMAE is a drug-linker molecule that has been used in the synthesis of antibody-drug conjugates (ADCs) with anticancer activity.[1] It contains a cathepsin B-cleavable Val-Ala dipeptide and the antimitotic compound monomethyl auristatin E (MMAE; Item No. 16267).

Reference

1. Shi, Y., Zhao, Y., Liu, Z., *et al.* Generation of DAR1 glycosite-specific antibody-drug conjugates using DisacLink technology. *Chembiochem* **27(14)**, e70484 (2026).

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
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