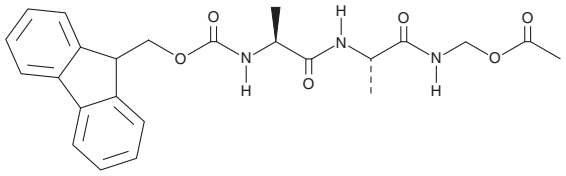
PRODUCT INFORMATION

Fmoc-Ala-Ala-NH-CH_2-OAc

Item No. 46562

CAS Registry No.: 2411984-78-4
Formal Name: N-[(9H-fluoren-9-ylmethoxy) carbonyl]-L-alanyl-N-[(acetyloxy) methyl]-L-alaninamide
MF: $C_{24}H_{27}N_3O_6$
FW: 453.5
Purity: ≥95%
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

Fmoc-Ala-Ala-NH-CH_2-OAc is supplied as a solid. A stock solution may be made by dissolving the Fmoc-Ala-Ala-NH-CH_2-OAc in the solvent of choice, which should be purged with an inert gas. Fmoc-Ala-Ala-NH-CH_2-OAc is soluble (≥10 mg/ml) in DMSO.

Description

Fmoc-Ala-Ala-NH-CH_2-OAc is a building block that has been used in the synthesis of drug-linker molecules for antibody-drug conjugates (ADCs).[1] It has been used in the synthesis of ADCs containing the DNA topoisomerase I inhibitor exatecan (Item No. 35452) that have anticancer activity *in vitro* and in mice.

Reference

1. Quiroz, R.V., Lang, S.B., Johnson, R.E., *et al.* Design of novel exatecan-amide linker-payloads for the development of stable, low-aggregating, and highly efficacious antibody-drug conjugates. *J. Med. Chem.* **69(9)**, 9928-9951 (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
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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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM