

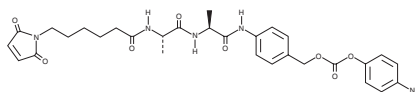
PRODUCT INFORMATION



Mal-Ala-Ala-PAB-PNP

Item No. 45587

CAS Registry No.: 2003260-14-6
Formal Name: N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-alanyl-N-[4-[[[(4-nitrophenoxy)carbonyl]oxy]methyl]-phenyl]-L-alaninamide
MF: C₃₀H₃₃N₅O₁₀
FW: 623.6
Purity: ≥90%
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

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

Description

Mal-Ala-Ala-PAB-PNP is a peptide linker molecule. It contains a maleimidocaproyl (Mal) group that can be conjugated to an antibody and a *p*-nitrophenol (PNP) group that allows the peptide to be linked to active compounds.¹ It can be used in the synthesis of antibody-drug conjugates (ADCs).

Reference

1. Cheng-Sánchez, I., Moya-Utrera, F., Porras-Alcalá, C., *et al.* Antibody-drug conjugates containing payloads from marine origin. *Mar. Drugs* **20**(8), 494 (2022).

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.

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