

Product Datasheet

MC-Gly-Gly-Phe-Gly-Cyclobutanecarboxylic-Exatecan

Catalog No. **BP-00353** · CAS **2414393-22-7** · Form **free base** · Physical state **solid** · Color **Off-white to light yellow** · Version **1.0** · Revision **2026-09-11**

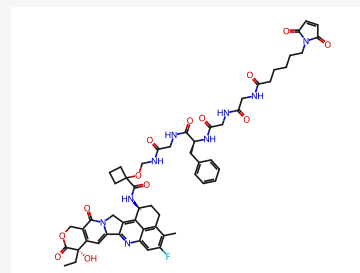
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Target Drug-Linker Conjugates for ADC; Topoisomerase	Research area Cancer
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Molecular formula **C₅₅H₆₀FN₉O₁₃**

Molecular weight **1074.1158**

STRUCTURE



DESCRIPTION

MC-Gly-Gly-Phe-Gly-Cyclobutanecarboxylic-Exatecan is a agent-linker conjugate for ADC, contains the ADC linker (MC-Gly-Gly-Phe-Gly-Cyclobutanecarboxylic acid) and a DNA topoisomerase I inhibitor Exatecan. MC-Gly-Gly-Phe-Gly-Cyclobutanecarboxylic-Exatecan synthesized ADC can be used in study of cancer.

BIOLOGICAL ACTIVITY

In Vitro

Antibody-drug conjugates (ADCs) carry a highly potent small-molecule toxin covalently connected on the antibody via a proper linker. For therapeutic ADCs in cancer treatment, the antibody targets specific antigen of tumor cell surface with high binding affinity, thereafter the intact ADC was internalized into the tumor cells with the antigen and digested in the lysosome to release the antitumor toxin

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 100 mg/mL

REFERENCES

[1]. HUA Haiqing, et al. Antibody-drug conjugate and medical use thereof. Patent WO2021190564A1.

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Lot CoA and SDS are separate documents.