

Product Data Sheet

Product Name: NH₂-methylpropanamide-Exatecan TFA

Cat. No.: GC73685

Chemical Properties

Cas. No. 1817857-35-4

Formula C₃₀H₃₀F₄N₄O₇

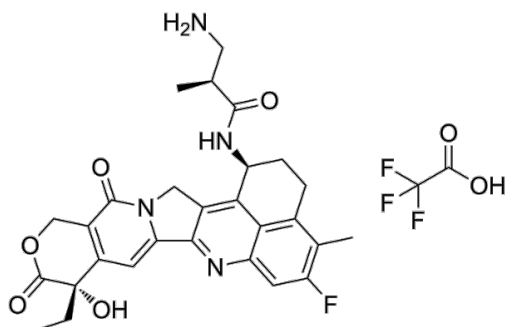
M.Wt 634.58

Solubility Storage -20°C, protect from light

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

NH₂-metlpropanamide-Exatecan TFA is a metlpropanamide-modified Exatecan, which is the common ADC Cytotoxin used in the synthesis of ADC. Exatecan is a DNA topoisomerase I inhibitor, with an IC₅₀ of 2.2 μM (0.975 μg/mL), and can be used in cancer research.

References:

[1]. Weng W, et al. Antibody-Exatecan Conjugates with a Novel Self-immolative Moiety Overcome Resistance in Colon and Lung Cancer. Cancer Discov. 2023 Apr 3;13(4):950-973.

Caution: Product has not been fully validated for medical applications. For research use only.

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