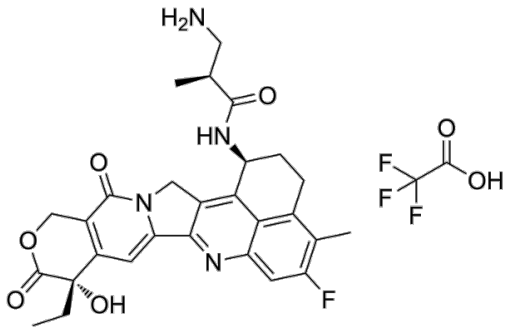
Product Data Sheet

Product Name: NH2-methylpropanamide-Exatecan TFA
Cat. No.: GC73685

Chemical Properties

Cas. No.	1817857-35-4		
Formula	$C_{30}H_{30}F_4N_4O_7$	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.
Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com
Address: 10292 Central Ave. #205, Montclair, CA, USA