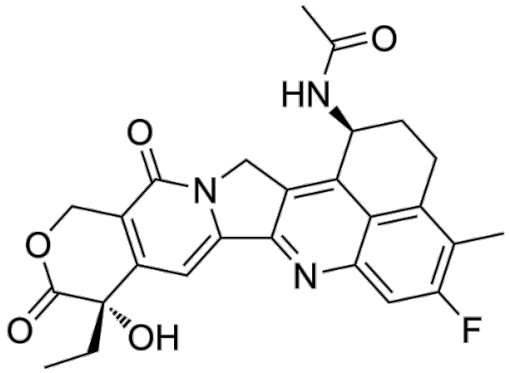
Product Data Sheet

Product Name: Ac-Exatecan
Cat. No.: GC74178

Chemical Properties

Cas. No.	2922852-48-8		
Formula	$C_{26}H_{24}FN_3O_5$	M.Wt	477.48
Solubility	DMSO : 100 mg/mL (209.43 mM; Need ultrasonic)	Storage	4°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

Ac-Exatecan is acetylated Exatecan . Exatecan (DX-8951) is a common toxin component in ADC preparation (ADC Cytotoxin) and an inhibitor of DNA topoisomerase I (IC50=2.2 μM).

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

[1]. Mitsui I, et al. A new water-soluble camptothecin derivative, DX-8951f, exhibits potent antitumor activity against human tumors in vitro and in vivo. Jpn J Cancer Res. 1995 Aug;86(8):776-82.

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