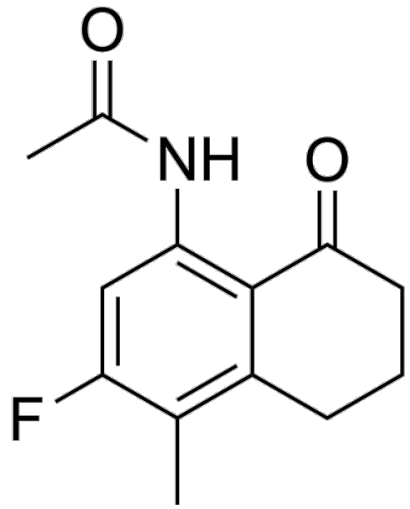
Product Data Sheet

Product Name: Exatecan Intermediate 6
Cat. No.: GC74134

Chemical Properties

Cas. No.	143655-58-7		
Formula	$C_{13}H_{14}FNO_2$	M.Wt	235.25
Solubility	DMSO : 25 mg/mL (106.27 mM; Need ultrasonic)	Storage	-20°C
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

Product Data Sheet

Exatecan Intermediate 6 is the intermediate of Exatecan And Exatecan (DX-8951) is a DNA topoisomerase I inhibitor with an IC50 value of 2.2 μM (0.975 μg/mL) that can be used in cancer research. Exatecan Intermediate 6 can be used to synthesize Antibody-Drug Conjugates (ADCs).

References:

[1]. Zhang, et al. Intermediate for synthesizing camptothecin derivatives using exatecan mesylate and its preparation method and application. China, CN111470998 A. 2020-07-31. [2]. 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.

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

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