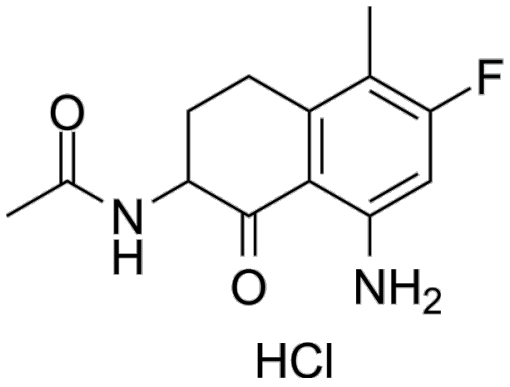
Product Data Sheet

Product Name: Exatecan Intermediate 2 hydrochloride
Cat. No.: GC74652

Chemical Properties

Cas. No.	2437603-23-9		
Formula	$C_{13}H_{16}ClFN_2O_2$	M.Wt	286.73
Solubility	DMSO : 12.5 mg/mL (43.60 mM; Need ultrasonic)	Storage	4°C, sealed storage, away from moisture
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

Exatecan Intermediate 2 drochloride (compound B) is an intermediate of Exatecan (DX-8951,). Exatecan is an anticancer agent belonging to the class of camptothecin analogs. Exatecan interferes with the proliferation and division of tumor cells by interacting with DNA, thereby inhibiting tumor growth. Exatecan is primarily used for research of a variety of cancers including ovarian, lung and

breast cancers.

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.
[2]. Lv Xianyu, et al. Preparation of camptothecin derivative intermediate. China, CN115197088. 2022-10-18.