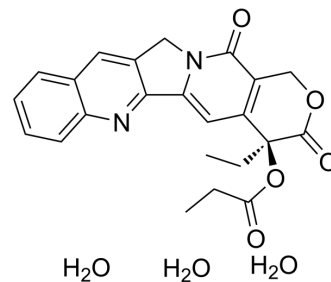


Camptothecin-20(S)-O-propionate hydrate

Cat. No.:	HY-114668A
CAS No.:	1147090-70-7
Molecular Formula:	C ₂₃ H ₂₆ N ₂ O ₈
Molecular Weight:	458.46
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Camptothecin-20(S)-O-propionate (Camptothecin-20-O-propionate) hydrate, the C20-propionate ester of CPT, is a highly effective anticancer agent. Camptothecin-20(S)-O-propionate hydrate is a topoisomerase-I inhibitor^{[1][2]}.

REFERENCES

[1]. Xing Liu, et al. Correlation between the sensitivity of tumors to treatment with CZ48 and local concentrations of the active metabolite CPT within the tumors. Biomed Rep. 2013 Mar;1(2):202-206.

[2]. Zhisong Cao, et al. Crystalline camptothecin-20(S)-O-propionate hydrate: a novel anticancer agent with strong activity against 19 human tumor xenografts. Cancer Res. 2009 Jun 1;69(11):4742-9.

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

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