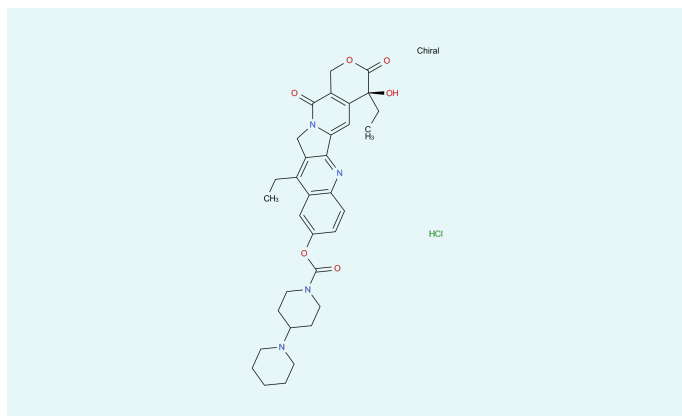


# Irinotecan hydrochloride



## CAS

100286-90-6, 136572-09-3

## Status

Commercial

[Inquiry](#)

Irinotecan hydrochloride is a semi-synthetic derivative of camptothecin, an alkaloid of *Camptotheca acuminata*. It is a prodrug that is converted into a potent metabolite (SN-38). Irinotecan inhibits DNA topoisomerase I, which is often overactive in tumors. Non-growing cells are therefore not affected. It is used to treat metastatic colon carcinomas (in combination with 5-FU and folinic acid) and experimentally it is used against other tumors.

## Description

**Formula**  $C_{33}H_{44}N_4O_9 \cdot HCl \cdot H_2O$

**Molecular weight** 677.19 g/mol

**Molecular size** small

**Controlled Substance** no

**Precursor** no

**Indications** Antineoplastic drugs

## Your Contact



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