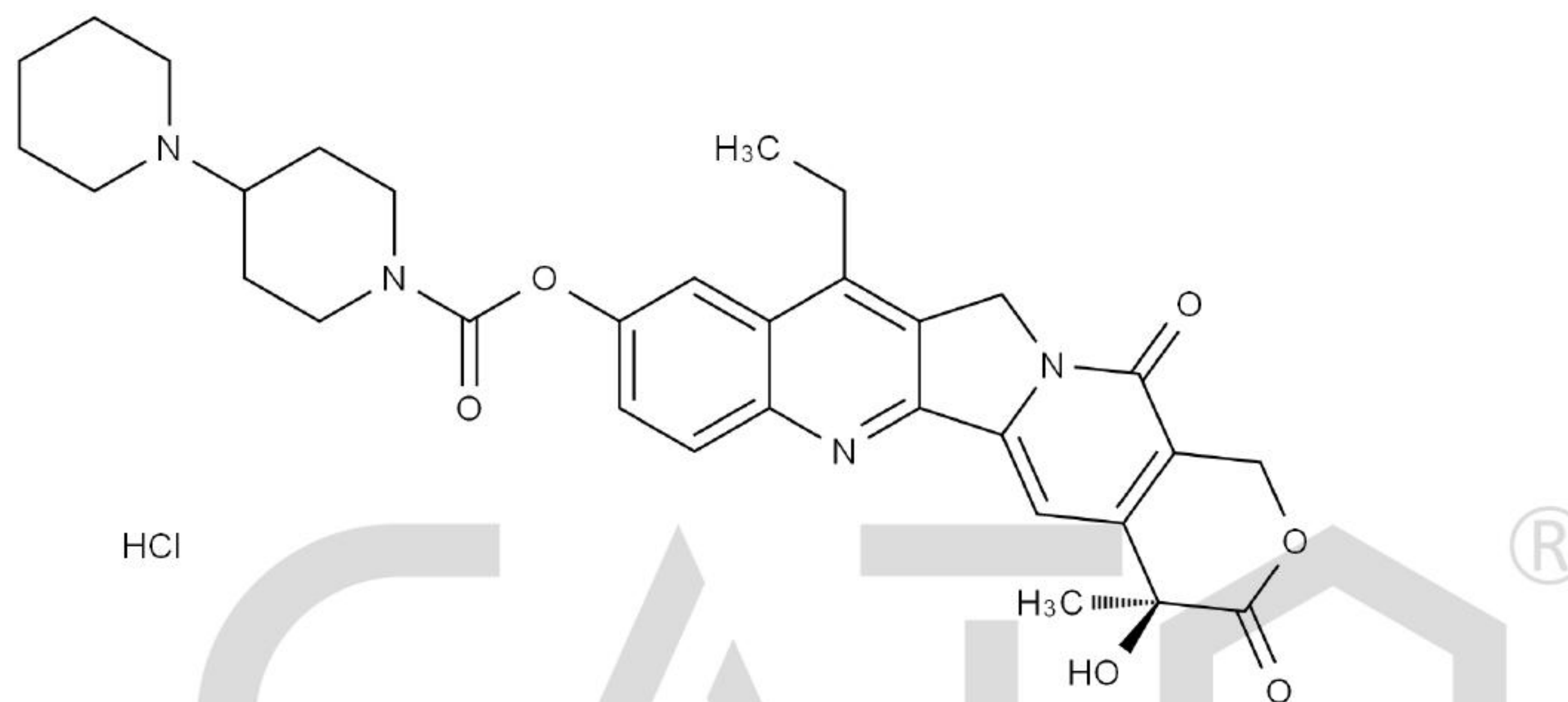


Certificate of Analysis

Reference Material

Product Name:	Irinotecan EP Impurity H	Catalogue Number:	C4X-15714
Chemical Name:	N/A	Lot Number:	C4X-15714-1901
CAS Number:	N/A	Expiry Date:	Oct 31, 2026
Molecular Formula:	C32H36N4O6 HCl	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	572.65 36.46		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellowish Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.94%
Loss On Drying	TGA	0.38%
Assay		97.6%

Comment:

The calculation of the 100% method follows the formula:

$Assay (\%) = (100\% - Loss\ On\ Drying) * Purity\ HPLC (\%) / 100\%$

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Hinlam

Reviewed by:

Cady

Aporoved by General manager:

David

Date: Jan 08, 2019

Date: Jun 16, 2022

Date: Jun 16, 2022

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