## **Certificate of Analysis**

## **Topotecan (Hydrochloride)**

Cat. No.: HY-13768A CAS No.: 119413-54-6 Batch No.: 25440

**Chemical Name:** 1H-Pyrano[3',4':6,7]indolizino[1,2-b]quinoline-3,14(4H,12H)-dione, 10-[(dimethylamino)methyl]

-4-ethyl-4,9-dihydroxy-, hydrochloride (1:1), (4S)-

## PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{23}H_{24}CIN_3O_5$ 

**Molecular Weight:** 457.91

Storage: 4°C, sealed storage, away from moisture and light

\* In solvent: -80°C, 2 years; -20°C, 1 year (sealed storage, away from moisture and light)

**Chemical Structure:** 

## ANALYTICAL DATA

Off-white to yellow (Solid) Appearance: LCMS: Consistent with structure

Purity (LCMS): 99.76%

Conclusion: The product has been tested and complies with the given specifications.

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

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