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CERTIFICATE OF ANALYSIS

Topotecan hydrochloride

[Catalog No.] CFN90462

[CAS No.] 119413-54-6

[**Purity**] >=98%

 $[M.F]C_{23}H_{24}CIN_3O_5$

[Physical Description] Powder

[Solvent] Chloroform, Dichloromethane, Ethyl Acetate, DMSO, Acetone, etc.

[Weight] 5mg

[Lot No.] CFS202301

[**Storage**] Protected from air and light, refrigerate or freeze(2-8 °C)

[Intended Use] For laboratory use only

[Shelf Life] 2 years

HCI HO N N N O O

[Chemical Structure]

[Characterization Data Summary]

Analytical Test	Results
Identification by ¹ H-NMR	Consistent with the above structure
Purity tested	>=98%

Authorized Signature:

Date: