

## Topotecan hydrochloride

Catalog No: #S1174

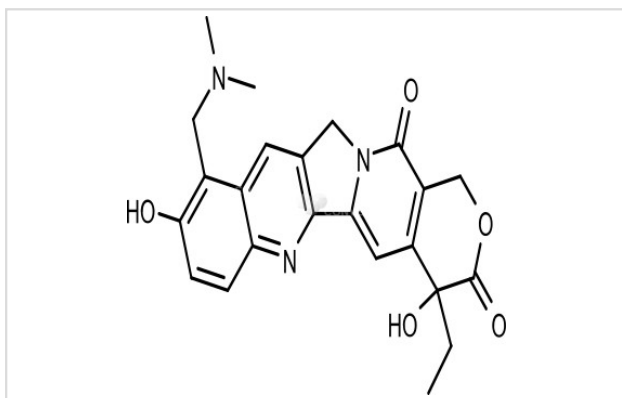
Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

## Description

Product Name	Topotecan hydrochloride
Brief Description	Inhibitors
Purification	99.50%
Target Name	Topoisomerase inhibitor
Calculated MW	457.92
Formulation	C <sub>23</sub> H <sub>24</sub> CIN <sub>3</sub> O <sub>5</sub>
Storage	3 years -20°C powder; 2 years -80°C in solvent;

## Images



## Product Description

Research Area: Cancer  
 SMILES: CC(C)N(C)C1=CN=C2C(=C(C=C1)C(=O)N3CC4=C(C3=C2)N=C5C=CC(=C(C5=C4)CN(C)C)O)O  
 Pathways: DNA Damage/DNA Repair  
 Receptor: Topo I (DU-145 Luc cells); Topo I (MCF-7 Luc cells)  
 Boiling pt: 782.9°C  
 Melting pt: 213-218°C  
 Solubility: Water: 92 mg/mL (200.91 mM); DMSO: 92 mg/mL (200.91 mM)  
 Appearance: Yellow Powder  
 Remark: For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20 °C for several months.

## References

1. Caceres G, et al. *AntiY Drugs*. 2003, 14(7), 569-574.

Note: This product is for in vitro research use only