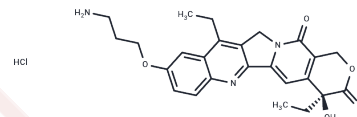


## T-2513 hydrochloride

## Chemical Properties

CAS No. :	187793-52-8
Formula:	C <sub>25</sub> H <sub>28</sub> ClN <sub>3</sub> O <sub>5</sub>
Molecular Weight:	485.96
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	T-2513 hydrochloride, a selective inhibitor of topoisomerase I, covalently binds to the topoisomerase I-DNA complex, stabilizing it and inhibiting DNA replication and RNA synthesis, ultimately leading to cell death.
Targets(IC50)	Others,DNA/RNA Synthesis,Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0578 mL	10.2889 mL	20.5778 mL
5 mM	0.4116 mL	2.0578 mL	4.1156 mL
10 mM	0.2058 mL	1.0289 mL	2.0578 mL
50 mM	0.0412 mL	0.2058 mL	0.4116 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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