

## Topo I/COX-2-IN-2

## Chemical Properties

CAS No. :

Formula: C<sub>24</sub>H<sub>25</sub>ClN<sub>4</sub>O

Molecular Weight: 420.93

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	Topo I/COX-2-IN-2 (Compound W10) is a potent dual inhibitor of Topo I (IC <sub>50</sub> : 0.90 μM) and COX-2 (IC <sub>50</sub> : 2.31 μM), inducing apoptosis in cancer cells via the mitochondrial pathway.
Targets(IC <sub>50</sub> )	Apoptosis,Others,Reactive Oxygen Species,COX,Topoisomerase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3757 mL	11.8785 mL	23.7569 mL
5 mM	0.4751 mL	2.3757 mL	4.7514 mL
10 mM	0.2376 mL	1.1878 mL	2.3757 mL
50 mM	0.0475 mL	0.2376 mL	0.4751 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481