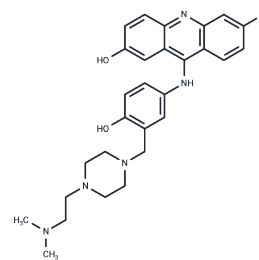


ERCC1-XPF-IN-1

## Chemical Properties

CAS No. : 2411584-25-1  
 Formula: C<sub>28</sub>H<sub>32</sub>ClN<sub>5</sub>O<sub>2</sub>  
 Molecular Weight: 506.04  
 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	ERCC1-XPF-IN-1 is a potent, high-affinity inhibitor of ERCC1-XPF (IC <sub>50</sub> : 0.49 μM), that inhibits the removal of CPDs, reduces the toxicity of cyclophosphamide to colorectal cancer cells, enhances the cytotoxic effects of UV radiation, and impedes DNA repair.
Targets(IC <sub>50</sub> )	Others,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9761 mL	9.8806 mL	19.7613 mL
5 mM	0.3952 mL	1.9761 mL	3.9523 mL
10 mM	0.1976 mL	0.9881 mL	1.9761 mL
50 mM	0.0395 mL	0.1976 mL	0.3952 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