

SK2188

## Chemical Properties

CAS No. : 3038446-94-2

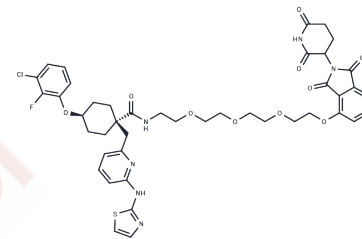
Formula: C43H46ClFN6O10S

Molecular Weight: 893.38

Keep away from direct sunlight

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	SK2188 is a potent and selective PROTAC degrader targeting AURKA (DC50 = 3.9 nM). It induces DNA damage and apoptosis (Apoptosis), indirectly degrades MYCN, and inhibits tumor cell proliferation, offering insights for research on MYCN-amplified neuroblastoma.
Targets(IC50)	Apoptosis,Caspase,Aurora Kinase,PROTACs
In vitro	SK2188 is effective at inhibiting proliferation in MYCN-amplified cells at concentrations of 10-10000 nM over 48-120 hours, and it is also effective on patient-derived organoid cells. In NGP cells, SK2188 at 10-1000 nM for 24 hours suppresses cell growth by inducing apoptosis. Additionally, SK2188 at 10-1000 nM over 1-72 hours leads to AURKA degradation, causing DNA damage and replication stress in NGP cells. Furthermore, SK2188 at concentrations of 100-1000 nM for 3 hours demonstrates high target selectivity and degradation specificity in NGP cells.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1193 mL	5.5967 mL	11.1934 mL
5 mM	0.2239 mL	1.1193 mL	2.2387 mL
10 mM	0.1119 mL	0.5597 mL	1.1193 mL
50 mM	0.0224 mL	0.1119 mL	0.2239 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