

USP7-IN-9

## Chemical Properties

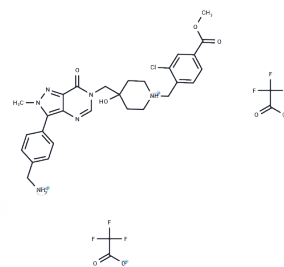
CAS No. :

Formula: C32H33ClF6N6O8

Molecular Weight: 779.08

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	USP7-IN-9, a potent inhibitor of ubiquitin-specific protease 7 (USP7) with an IC50 of 40.8 nM, effectively induces apoptosis and arrests cell progression at the G0/G1 and S phases in RS4;11 cells. It decreases the protein levels of oncoproteins MDM2 and DNMT1 while enhancing the levels of tumor suppressors p53 and p21.
Targets(IC50)	Apoptosis,Others,DUB

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2836 mL	6.4178 mL	12.8357 mL
5 mM	0.2567 mL	1.2836 mL	2.5671 mL
10 mM	0.1284 mL	0.6418 mL	1.2836 mL
50 mM	0.0257 mL	0.1284 mL	0.2567 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