

## Antitumor agent-191

## Chemical Properties

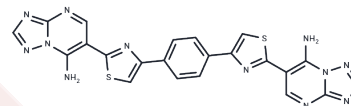
CAS No. :

Formula: C<sub>22</sub>H<sub>14</sub>N<sub>12</sub>S<sub>2</sub>

Molecular Weight: 510.557

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	Antitumor agent-191 (Compound 7) exhibits antiviral activity against HSV-1 and HIV, with EC <sub>50</sub> values of 0.03 $\mu$ M and 0.81 $\mu$ M, respectively. It also demonstrates potential antitumor properties by inhibiting cancer cell lines HepG2, WI-38, Vero, and MCF-7, with IC <sub>50</sub> values of 19.6, 39.3, 18.3, and 28 $\mu$ M, respectively.
Targets(IC <sub>50</sub> )	HIV Protease,HSV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9586 mL	9.7932 mL	19.5863 mL
5 mM	0.3917 mL	1.9586 mL	3.9173 mL
10 mM	0.1959 mL	0.9793 mL	1.9586 mL
50 mM	0.0392 mL	0.1959 mL	0.3917 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