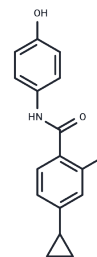


YZ51

## Chemical Properties

CAS No. : 1835652-66-8  
 Formula: C<sub>16</sub>H<sub>14</sub>FNO<sub>2</sub>  
 Molecular Weight: 271.29  
 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	YZ51, a novel potent inhibitor of ribonucleotide reductase (RR), inhibits hepatitis B virus replication by targeting ribonucleotide reductase M2 protein.
Targets(IC50)	Others,HBV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6861 mL	18.4305 mL	36.8609 mL
5 mM	0.7372 mL	3.6861 mL	7.3722 mL
10 mM	0.3686 mL	1.843 mL	3.6861 mL
50 mM	0.0737 mL	0.3686 mL	0.7372 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.

## Reference

Liu X, Xu Z, Hou C, Wang M, Chen X, Lin Q, Song R, Lou M, Zhu L, Qiu Y, Chen Z, Yang C, Zhu W, Shao J. Inhibition of hepatitis B virus replication by targeting ribonucleotide reductase M2 protein. *Biochem Pharmacol.* 2016 Mar 1; 103:118-28. doi: 10.1016/j.bcp.2016.01.003. Epub 2016 Jan 13. PubMed PMID: 26774458.

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