

MIR002

## Chemical Properties

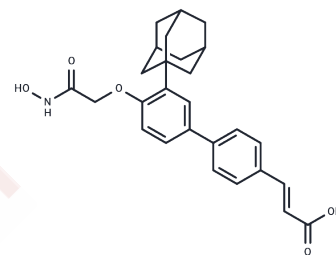
CAS No. : 2217671-64-0

Formula: C<sub>27</sub>H<sub>29</sub>NO<sub>5</sub>

Molecular Weight: 447.52

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	MIR002 is a potent, orally active dual inhibitor of DNA polymerase $\alpha$ (POLA1) and HDAC 11 with significant in vivo antitumor activity. p53 acetylation, p21 activation, cell cycle arrest in G1/S phase, and apoptosis induction.
Targets(IC50)	Apoptosis,Others,HDAC,DNA/RNA Synthesis

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2345 mL	11.1727 mL	22.3454 mL
5 mM	0.4469 mL	2.2345 mL	4.4691 mL
10 mM	0.2235 mL	1.1173 mL	2.2345 mL
50 mM	0.0447 mL	0.2235 mL	0.4469 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

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