

DDO-2728

## Chemical Properties

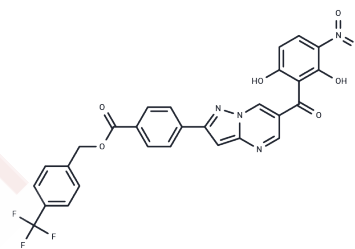
CAS No. : 3029515-97-4

Formula: C<sub>28</sub>H<sub>17</sub>F<sub>3</sub>N<sub>4</sub>O<sub>7</sub>

Molecular Weight: 578.452

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	DDO-2728 is a selective pyrazolopyrimidine ALKBH5 inhibitor with an IC <sub>50</sub> of 2.97 μM. It enhances the level of N <sup>6</sup> -methyladenosine (m <sup>6</sup> A) modification in acute myeloid leukemia (AML) cells and exhibits antiproliferative activity in these cells. Additionally, it demonstrates antitumor efficacy in MV4-11 xenograft models.
Targets(IC <sub>50</sub> )	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7288 mL	8.6438 mL	17.2876 mL
5 mM	0.3458 mL	1.7288 mL	3.4575 mL
10 mM	0.1729 mL	0.8644 mL	1.7288 mL
50 mM	0.0346 mL	0.1729 mL	0.3458 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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