

Z1609609733

## Chemical Properties

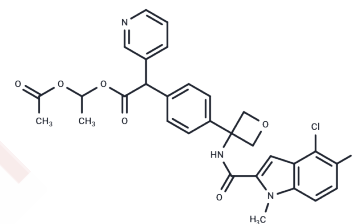
CAS No. : 2375374-15-3

Formula: C<sub>30</sub>H<sub>27</sub>Cl<sub>2</sub>N<sub>3</sub>O<sub>6</sub>

Molecular Weight: 596.46

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	Z1609609733 (Compound 18) is a non-covalent inhibitor of 3-phosphoglycerate dehydrogenase (PHGDH) with an IC <sub>50</sub> of 1.46 μM. It effectively suppresses serine synthesis, interferes with cancer metabolism, and completely halts cell proliferation.
Targets(IC <sub>50</sub> )	Dehydrogenase

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6766 mL	8.3828 mL	16.7656 mL
5 mM	0.3353 mL	1.6766 mL	3.3531 mL
10 mM	0.1677 mL	0.8383 mL	1.6766 mL
50 mM	0.0335 mL	0.1677 mL	0.3353 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

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