

## IDH1 Inhibitor 5

## Chemical Properties

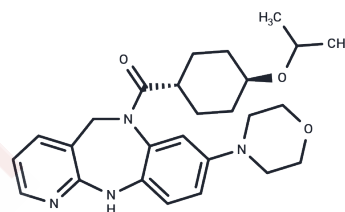
CAS No. : 1940128-37-9

Formula: C<sub>26</sub>H<sub>34</sub>N<sub>4</sub>O<sub>3</sub>

Molecular Weight: 450.57

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	IDH1 Inhibitor 5 (compound 2) is an IDH1 (isocitrate dehydrogenase 1) inhibitor with an IC <sub>50</sub> of 64.4 nM for MOG cells and an IC <sub>50</sub> of 34.9 nM for wild-type IDH1 glioma cells expressing exogenous mutant IDH1 R132H protein.
Targets(IC <sub>50</sub> )	Others, Isocitrate Dehydrogenase (IDH)

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2194 mL	11.0971 mL	22.1941 mL
5 mM	0.4439 mL	2.2194 mL	4.4388 mL
10 mM	0.2219 mL	1.1097 mL	2.2194 mL
50 mM	0.0444 mL	0.2219 mL	0.4439 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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