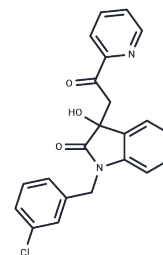


AK-778-XXMU

## Chemical Properties

CAS No. : 1227045-76-2  
 Formula: C<sub>22</sub>H<sub>17</sub>ClN<sub>2</sub>O<sub>3</sub>  
 Molecular Weight: 392.835  
 Storage: Store at low temperature  
 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	AK-778-XXMU is an ID2 antagonist with a KD value of 129 nM. AK-778-XXMU has potential antitumor and anticancer activity and can be used for the study of gliomas.
Targets(IC50)	Apoptosis, Others

## Solubility Information

Solubility	DMSO: 80 mg/mL (203.65 mM), Sonification is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5456 mL	12.7278 mL	25.4557 mL
5 mM	0.5091 mL	2.5456 mL	5.0911 mL
10 mM	0.2546 mL	1.2728 mL	2.5456 mL
50 mM	0.0509 mL	0.2546 mL	0.5091 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

Zhong G, et al. Discovery of novel ID2 antagonists from pharmacophore-based virtual screening as potential therapeutics for glioma. *Bioorg Med Chem.* 2021;49:116427.

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