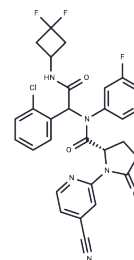


## AG-120 (racemic)

## Chemical Properties

CAS No. :	1448346-63-1
Formula:	C <sub>28</sub> H <sub>22</sub> ClF <sub>3</sub> N <sub>6</sub> O <sub>3</sub>
Molecular Weight:	582.96
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	AG-120 (racemic), the racemic mixture of AG-120, is an orally available isocitrate dehydrogenase type 1 (IDH1) inhibitor, and shows potential antineoplastic activity.
Targets(IC50)	Dehydrogenase, Isocitrate Dehydrogenase (IDH)

## Solubility Information

Solubility	DMSO: 50 mg/mL (85.77 mM), Sonication 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	1.7154 mL	8.5769 mL	17.1538 mL
5 mM	0.3431 mL	1.7154 mL	3.4308 mL
10 mM	0.1715 mL	0.8577 mL	1.7154 mL
50 mM	0.0343 mL	0.1715 mL	0.3431 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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