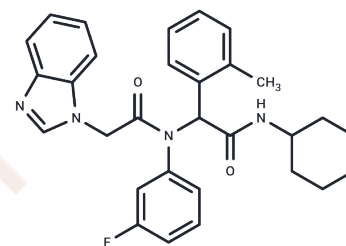


## Mutant IDH1-IN-1

## Chemical Properties

CAS No. :	1355326-21-4
Formula:	C <sub>30</sub> H <sub>31</sub> FN <sub>4</sub> O <sub>2</sub>
Molecular Weight:	498.59
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	Mutant IDH1-IN-1 is a potent inhibitor of the mutant IDH1 R132 h, exhibiting an IC <sub>50</sub> of less than 0.1 μM.
Targets(IC <sub>50</sub> )	Dehydrogenase, Isocitrate Dehydrogenase (IDH)

## Solubility Information

Solubility	DMSO: 60 mg/mL (120.34 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	2.0057 mL	10.0283 mL	20.0566 mL
5 mM	0.4011 mL	2.0057 mL	4.0113 mL
10 mM	0.2006 mL	1.0028 mL	2.0057 mL
50 mM	0.0401 mL	0.2006 mL	0.4011 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

Janeta Popovici-Muller, et al. Patent WO2012009678 A1.

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