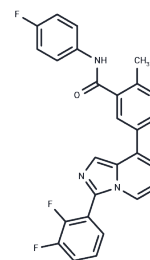


IDO-IN-13

## Chemical Properties

CAS No. : 2291164-02-6  
 Formula: C<sub>26</sub>H<sub>17</sub>F<sub>3</sub>N<sub>4</sub>O  
 Molecular Weight: 458.43  
 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	IDO-IN-13 (GS-4361) is a potent indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor (EC <sub>50</sub> : 17 nM).
Targets(IC <sub>50</sub> )	IDO, Indoleamine 2,3-Dioxygenase (IDO)

## Solubility Information

Solubility	DMSO: 65 mg/mL (141.79 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	2.1814 mL	10.9068 mL	21.8136 mL
5 mM	0.4363 mL	2.1814 mL	4.3627 mL
10 mM	0.2181 mL	1.0907 mL	2.1814 mL
50 mM	0.0436 mL	0.2181 mL	0.4363 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

Mark J. BARTLETT, et al. Therapeutic heterocyclic compounds. WO2019040102A1.

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