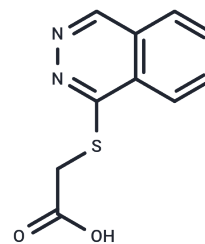


IDO-IN-18

## Chemical Properties

CAS No. : 314027-92-4  
 Formula: C<sub>10</sub>H<sub>8</sub>N<sub>2</sub>O<sub>2</sub>S  
 Molecular Weight: 220.25  
 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-18 is an immune checkpoint inhibitor and a potent IDO inhibitor. It blocks tryptophan catabolism to reverse immune suppression and enhance T-cell antitumor responses in immuno-oncology.
Targets(IC50)	Indoleamine 2,3-Dioxygenase (IDO)

## Solubility Information

Solubility	DMSO: 13 mg/mL (59.02 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	4.5403 mL	22.7015 mL	45.403 mL
5 mM	0.9081 mL	4.5403 mL	9.0806 mL
10 mM	0.454 mL	2.2701 mL	4.5403 mL
50 mM	0.0908 mL	0.454 mL	0.9081 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

Wilk S, Stanley M. Perlapine and dopamine metabolism: prediction of antipsychotic efficacy. Eur J Pharmacol. 1977 Jan 7;41(1):65-72. PubMed PMID: 12986.

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Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481