

IDO1-IN-1

## Chemical Properties

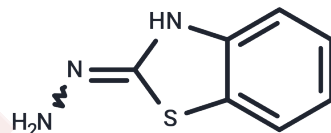
CAS No. : 615-21-4

Formula: C<sub>7</sub>H<sub>7</sub>N<sub>3</sub>S

Molecular Weight: 165.22

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	IDO1-IN-1 (2 HzBTZ) is an indoleamine 2,3-dioxygenase 1 (IDO1) inhibitor.
Targets(IC50)	IDO, Indoleamine 2,3-Dioxygenase (IDO)

## Solubility Information

Solubility	DMSO: 60 mg/mL (363.15 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	6.0525 mL	30.2627 mL	60.5254 mL
5 mM	1.2105 mL	6.0525 mL	12.1051 mL
10 mM	0.6053 mL	3.0263 mL	6.0525 mL
50 mM	0.1211 mL	0.6053 mL	1.2105 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

Beljean-Leymarie M, Bruna E. Subpicogram determination of malondialdehyde by gas-liquid chromatography with nitrogen phosphorus detector. I. Standardization. Anal Biochem. 1988 Aug 15;173(1):174-84. PubMed PMID: 3189796.

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