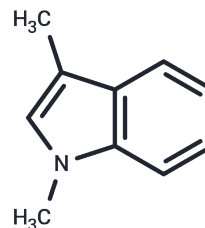


## 1,3-Dimethyl-1H-indole

## Chemical Properties

CAS No. :	875-30-9
Formula:	C <sub>10</sub> H <sub>11</sub> N
Molecular Weight:	145.2
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	1,3-Dimethyl-1H-indole is an AhR agonist with an EC <sub>50</sub> of 63.9 μM, suitable for biochemical experiments and drug synthesis.
Targets(IC <sub>50</sub> )	AhR

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.8871 mL	34.4353 mL	68.8705 mL
5 mM	1.3774 mL	6.8871 mL	13.7741 mL
10 mM	0.6887 mL	3.4435 mL	6.8871 mL
50 mM	0.1377 mL	0.6887 mL	1.3774 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

Stepankova M, et al. Methylindoles and Methoxyindoles are Agonists and Antagonists of Human Aryl Hydrocarbon Receptor. Mol Pharmacol. 2018 Jun;93(6):631-644.

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