### DiPT

**Item No. 11550**

- **CAS Registry No.**: 14780-24-6
- **Formal Name**: N,N-bis(1-methylethyl)-1H-indole-3-ethanamine
- **Synonym**: N,N-Diisopropyltryptamine
- **MF**: C$_{16}$H$_{24}$N$_2$
- **FW**: 244.4
- **Purity**: ≥98%
- **Stability**: ≥2 years at -20°C
- **Supplied as**: A crystalline solid
- **UV/Vis.**: λ$_{\text{max}}$: 222, 282 nm

#### Laboratory Procedures

For long term storage, we suggest that DiPT be stored as supplied at -20°C. It should be stable for at least two years. DiPT is supplied as a crystalline solid. A stock solution may be made by dissolving the DiPT in the solvent of choice. DiPT is soluble in organic solvents such as ethanol, DMSO, and dimethyl formamide (DMF), which should be purged with an inert gas. The solubility of DiPT in ethanol, DMSO, and DMF is approximately 5, 14, and 10 mg/ml, respectively.

DiPT is sparingly soluble in aqueous buffers. For maximum solubility in aqueous buffers, DiPT should first be dissolved in DMSO and then diluted with the aqueous buffer of choice. DiPT has a solubility of approximately 0.3 mg/ml in a 1:1 solution of DMSO:PBS (pH 7.2) using this method. We do not recommend storing the aqueous solution for more than one day.

5-Methoxy-N,N-disopropyltryptamine (5-MeO DiPT) (Item No. 11865) is a psychedelic hallucinogen which is abused worldwide. Known informally as ‘foxy’, this compound potently inhibits the re-uptake of dopamine, serotonin, and norepinephrine (IC$_{50}$ = 65, 2.2, and 8.2 μM, respectively). DiPT is an uncommonly abused psychedelic drug related to 5-MeO DiPT. Its physiological and toxicological properties have not been extensively reported. This product is intended for forensic and research applications.

#### Reference


#### Related Products

For a list of related products please visit: [www.caymanchem.com/catalog/11550](http://www.caymanchem.com/catalog/11550)