

PDAT

Chemical Properties

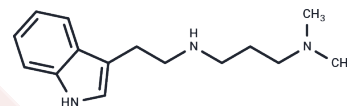
CAS No. : 1226213-83-7

Formula: C₁₅H₂₃N₃

Molecular Weight: 245.36

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 | PDAT is a noncompetitive Indolethylamine N-methyltransferase inhibitor. |
| Targets(IC50) | Others,Histone Methyltransferase |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.0756 mL | 20.3782 mL | 40.7564 mL |
| 5 mM | 0.8151 mL | 4.0756 mL | 8.1513 mL |
| 10 mM | 0.4076 mL | 2.0378 mL | 4.0756 mL |
| 50 mM | 0.0815 mL | 0.4076 mL | 0.8151 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

Farrag NS, Cheskin LJ, Farag MK. A systematic review of childhood obesity in the Middle East and North Africa (MENA) region: Prevalence and risk factors meta-analysis. *Adv Pediatr Res.* 2017;4. pii: 8. doi: 10.12715/apr.2017.4.8. Epub 2017 Jun 15. PubMed PMID: 29354689; PubMed Central PMCID: PMC5773115.

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