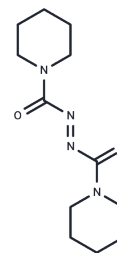


## 1,1'-(Azodicarbonyl)dipiperidine

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 10465-81-3  |
| Formula:          | C <sub>12</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>   |
| Molecular Weight: | 252.318   |
| Storage:          | Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br>Actual storage temperature shall be subject to the COA. |



## Biological Description

|               |   |
|---------------|---|
| Description   | 1,1'-(Azodicarbonyl)dipiperidine (ADDP) serves as a widely employed reagent in the Mitsunobu reaction, facilitating the condensation between an alcohol and an acidic compound. Moreover, ADDP has found application in synthesizing agonists for the G protein-coupled receptor 120 (GPR120) with potential antidiabetic effects as well as in the creation of triple agonists for peroxisome proliferator-activated receptor $\alpha$ (PPAR $\alpha$ ), PPAR $\gamma$ , and PPAR $\delta$ . |
| Targets(IC50) | Others,GPCR,PPAR  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.9632 mL | 19.8161 mL | 39.6322 mL |
| 5 mM  | 0.7926 mL | 3.9632 mL  | 7.9264 mL  |
| 10 mM | 0.3963 mL | 1.9816 mL  | 3.9632 mL  |
| 50 mM | 0.0793 mL | 0.3963 mL  | 0.7926 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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