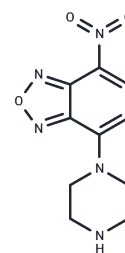


4-Nitro-7-piperazinobenzofurazan

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 139332-66-4 |
| Formula: | C10H11N5O3 |
| Molecular Weight: | 249.23 |
| 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 | 4-Nitro-7-piperazinobenzofurazan serves as a multifunctional dye, crucial in both scientific and industrial applications. As invaluable tools in biological experiments, dyes enable researchers to study cell structures, track biomolecules, assess cell functions, differentiate between cell types, detect biomolecules, analyze tissue pathology, and monitor microorganisms. Their utility extends beyond basic research into clinical diagnostics and various traditional uses including textile dyeing. Furthermore, dyes play significant roles in innovative sectors like functional textile processing, food coloring, and dye-sensitized solar cells. |
| Targets(IC50) | Others |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 4.0124 mL | 20.0618 mL | 40.1236 mL |
| 5 mM | 0.8025 mL | 4.0124 mL | 8.0247 mL |
| 10 mM | 0.4012 mL | 2.0062 mL | 4.0124 mL |
| 50 mM | 0.0802 mL | 0.4012 mL | 0.8025 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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