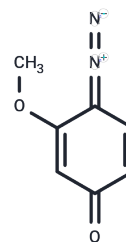


4-Diazo-3-methoxy-2,5-cyclohexadien-1-one

Chemical Properties

| | |
|-------------------|---|
| CAS No. : | 105114-23-6 |
| Formula: | C7H6N2O2 |
| Molecular Weight: | 150.14 |
| 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-Diazo-3-methoxy-2,5-cyclohexadien-1-one demonstrates notable activity against anaerobic bacteria. Minimum inhibitory concentrations (MIC) are 0.4 µg/mL for Clostridium and Bacteroidetes, and 0.2 µg/mL for Haemophilus. |
| Targets(IC50) | Antibacterial |

Preparing Stock Solutions

| | 1mg | 5mg | 10mg |
|-------|-----------|------------|------------|
| 1 mM | 6.6605 mL | 33.3023 mL | 66.6045 mL |
| 5 mM | 1.3321 mL | 6.6605 mL | 13.3209 mL |
| 10 mM | 0.666 mL | 3.3302 mL | 6.6605 mL |
| 50 mM | 0.1332 mL | 0.666 mL | 1.3321 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

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481