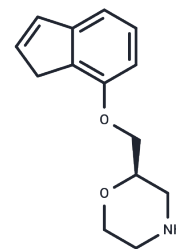
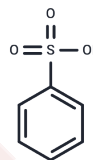


## (R)-Indeloxazine benzenesulfonate

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 1623762-83-3  |
| Formula:          | C20H23NO5S  |
| Molecular Weight: | 389.47  |
| 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   | (R)-Indeloxazine benzenesulfonate (AS1069562) is an orally active inhibitor of serotonin (5-HT) and norepinephrine (NE) reuptake, with IC50 values of 0.35 $\mu$ M and 3.3 $\mu$ M, respectively. It exhibits analgesic activity and can enhance neurological function by improving neurotrophic support.  |
| Targets(IC50) | 5-HT Receptor, Serotonin Transporter   |
| In vivo       | (R)-Indeloxazine benzenesulfonate (AS1069562, STZ-induced diabetic rats, orally, 3, 10, and 30 mg/kg) administered for four weeks exhibits sustained analgesic effects in a rat model of neuropathic pain induced by Streptozotocin (STZ). It also notably restores decreased levels of IGF1 and IGF2 mRNA in the dorsal root ganglia and spinal cord. |

## Preparing Stock Solutions

|       | 1mg       | 5mg       | 10mg       |
|-------|-----------|-----------|------------|
| 1 mM  | 2.5676 mL | 12.838 mL | 25.6759 mL |
| 5 mM  | 0.5135 mL | 2.5676 mL | 5.1352 mL  |
| 10 mM | 0.2568 mL | 1.2838 mL | 2.5676 mL  |
| 50 mM | 0.0514 mL | 0.2568 mL | 0.5135 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