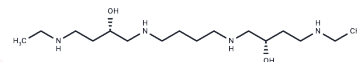


## Ivospemin

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 748119-79-1   |
| Formula:          | C16H38N4O2  |
| Molecular Weight: | 318.50  |
| 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   | Ivospemin (SPM-962) is an antineoplastic spermine analog, demonstrating efficacy by inhibiting polyamine synthesis and function. It acts by disrupting cellular polyamine homeostasis, essential for cell growth and survival, thereby impairing cancer cell proliferation. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 3.1397 mL | 15.6986 mL | 31.3972 mL |
| 5 mM  | 0.6279 mL | 3.1397 mL  | 6.2794 mL  |
| 10 mM | 0.314 mL  | 1.5699 mL  | 3.1397 mL  |
| 50 mM | 0.0628 mL | 0.314 mL   | 0.6279 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

International Nonproprietary Names for Pharmaceutical Substances (INN).

**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