

## 1,2,3,5-Tetramethylbenzene

## Chemical Properties

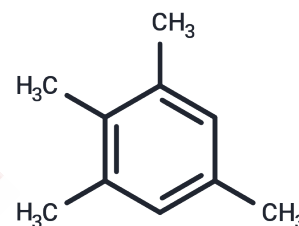
CAS No. : 527-53-7

Formula: C<sub>10</sub>H<sub>14</sub>

Molecular Weight: 134.22

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



## Biological Description

|               |   |
|---------------|---|
| Description   | 1,2,3,5-Tetramethylbenzene is a poly-methylated benzene widely used in biochemical experiments and drug synthesis research. |
| Targets(IC50) | Others  |

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 7.4505 mL | 37.2523 mL | 74.5045 mL |
| 5 mM  | 1.4901 mL | 7.4505 mL  | 14.9009 mL |
| 10 mM | 0.745 mL  | 3.7252 mL  | 7.4505 mL  |
| 50 mM | 0.149 mL  | 0.745 mL   | 1.4901 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

Jałowiecki P, Janasik B. Physiologically-based toxicokinetic modeling of durene (1,2,3,5-tetramethylbenzene) and isodurene (1,2,4,5-tetramethylbenzene) in humans. *Int J Occup Med Environ Health*. 2007;20(2):155-65.

**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