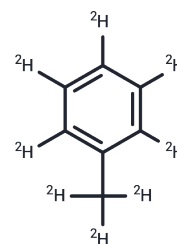


## Toluene-D8

## Chemical Properties

|                   |                                                                                                                     |
|-------------------|---------------------------------------------------------------------------------------------------------------------|
| CAS No. :         | 2037-26-5                                                                                                           |
| Formula:          | C7D8                                                                                                                |
| Molecular Weight: | 100.19                                                                                                              |
| 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 | Toluene-D8 is a deuterated compound of Toluene. Toluene has a CAS number of 108-88-3. Toluene is an aromatic hydrocarbon. It is a colorless, water-insoluble liquid with the smell associated with paint thinners. It is a mono-substituted benzene derivative. |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 9.981 mL  | 49.9052 mL | 99.8104 mL |
| 5 mM  | 1.9962 mL | 9.981 mL   | 19.9621 mL |
| 10 mM | 0.9981 mL | 4.9905 mL  | 9.981 mL   |
| 50 mM | 0.1996 mL | 0.9981 mL  | 1.9962 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.

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