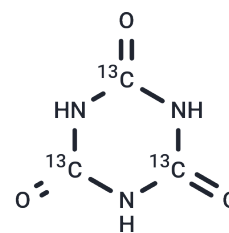


## Cyanuric acid-13C3

## Chemical Properties

|                   |   |
|-------------------|---|
| CAS No. :         | 201996-37-4   |
| Formula:          | C3H3N3O3  |
| Molecular Weight: | 132.05  |
| Storage:          | Keep away from moisture, Store at low temperature<br>Powder: -20°C for 3 years   In solvent: -80°C for 1 year<br><small>Actual storage temperature shall be subject to the COA.</small> |



## Biological Description

|               |   |
|---------------|---|
| Description   | Cyanuric acid-13C3 is a 13C-labelled compound of cyanuric acid, which can be used for isotope tracing. Cyanuric acid (T20872) is a triazine compound, fungicide, and herbicide. |
| Targets(IC50) | Others  |

## Solubility Information

|            |  |
|------------|--|
| Solubility | DMSO: 100 mg/mL (757.29 mM), Sonication is recommended.<br>(< 1 mg/ml refers to the product slightly soluble or insoluble) |
|------------|--|

## Preparing Stock Solutions

|       | 1mg       | 5mg        | 10mg       |
|-------|-----------|------------|------------|
| 1 mM  | 7.5729 mL | 37.8644 mL | 75.7289 mL |
| 5 mM  | 1.5146 mL | 7.5729 mL  | 15.1458 mL |
| 10 mM | 0.7573 mL | 3.7864 mL  | 7.5729 mL  |
| 50 mM | 0.1515 mL | 0.7573 mL  | 1.5146 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

- Adams KN, et al. Verapamil, and its metabolite norverapamil, inhibit macrophage-induced, bacterial efflux pump-mediated tolerance to multiple anti-tubercular drugs. *J Infect Dis.* 2014 Aug 1;210(3):456-66.
- Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.

**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