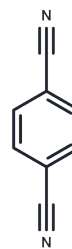


## Terephthalonitrile

## Chemical Properties

CAS No. :	623-26-7
Formula:	C <sub>8</sub> H <sub>4</sub> N <sub>2</sub>
Molecular Weight:	128.13
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Terephthalonitrile exhibits antibacterial activity against Staphylococcus aureus and Pseudomonas aeruginosa and can be used in related research in the field of life sciences.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	7.8046 mL	39.0229 mL	78.0457 mL
5 mM	1.5609 mL	7.8046 mL	15.6091 mL
10 mM	0.7805 mL	3.9023 mL	7.8046 mL
50 mM	0.1561 mL	0.7805 mL	1.5609 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

Suo MT, et al. Syntheses and characterisation of terephthalonitrile radical salts. Chem Commun (Camb). 2025 Jul 1; 61(54):9972-9975.

**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