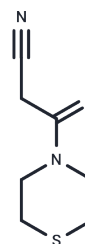


## 3-oxo-3-(Thiomorpholin-4-yl)propanenitrile

## Chemical Properties

CAS No. : 15029-33-1  
 Formula: C<sub>7</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>  
 Molecular Weight: 170.232  
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
*Actual storage temperature shall be subject to the COA.*



## Biological Description

**Description** 3-oxo-3-(Thiomorpholin-4-yl)propanenitrile, with CAS No. 15029-33-1, is a fragment molecule that serves as an important scaffold for molecular linking, expansion, and modification. 3-oxo-3-(Thiomorpholin-4-yl)propanenitrile provides a structural basis and research tool for the design and screening of novel drug candidates, and is commonly used in drug discovery, drug synthesis, and related research.

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.8744 mL	29.372 mL	58.7441 mL
5 mM	1.1749 mL	5.8744 mL	11.7488 mL
10 mM	0.5874 mL	2.9372 mL	5.8744 mL
50 mM	0.1175 mL	0.5874 mL	1.1749 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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