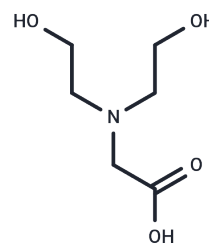


## Bicine

## Chemical Properties

CAS No. :	150-25-4
Formula:	C <sub>6</sub> H <sub>13</sub> NO <sub>4</sub>
Molecular Weight:	163.17
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	Bicine (N,N-Bis(2-hydroxyethyl)glycine) is a derivative of the simple amino acid glycine used as a biological buffer.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: insoluble, Sonication is recommended. H <sub>2</sub> O: 30 mg/mL (183.86 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	6.1286 mL	30.6429 mL	61.2858 mL
5 mM	1.2257 mL	6.1286 mL	12.2572 mL
10 mM	0.6129 mL	3.0643 mL	6.1286 mL
50 mM	0.1226 mL	0.6129 mL	1.2257 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

Kim HY, et al. Bicine promotes rapid formation of  $\beta$ -sheet-rich amyloid- $\beta$  fibrils. PLoS One. 2020 Oct 13;15(10): e0240608.

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