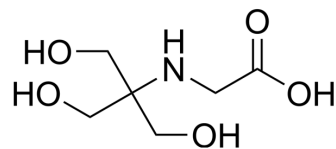


## Tricine

Cat. No.:	HY-D0860
CAS No.:	5704-04-1
Molecular Formula:	C <sub>6</sub> H <sub>13</sub> NO <sub>5</sub>
Molecular Weight:	179.17
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



### SOLVENT & SOLUBILITY

#### In Vitro

H<sub>2</sub>O : 25 mg/mL (139.53 mM; Need ultrasonic)  
DMSO : 2 mg/mL (11.16 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass	1 mg	5 mg	10 mg
		Concentration	1 mg	5 mg	10 mg
	1 mM		5.5813 mL	27.9065 mL	55.8129 mL
	5 mM		1.1163 mL	5.5813 mL	11.1626 mL
	10 mM		0.5581 mL	2.7906 mL	5.5813 mL

Please refer to the solubility information to select the appropriate solvent.

### BIOLOGICAL ACTIVITY

#### Description

Tricine is widely used as a buffer in protein electrophoresis, nucleic acid analysis, and immunology, which can help adjust pH and stabilize chemical reactions. In addition, the compound can also be used in research in certain medical fields, such as in antibody detection and drug screening.

#### In Vitro

Tricine is a biochemical reagent that can be used as a biological material or organic compound for life science related research.  
MCE has not independently confirmed the accuracy of these methods. They are for reference only.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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