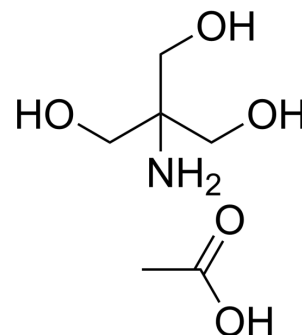


## THAM acetate

Cat. No.:	HY-D0227B
CAS No.:	6850-28-8
Molecular Formula:	C <sub>6</sub> H <sub>15</sub> NO <sub>5</sub>
Molecular Weight:	181.19
Target:	Biochemical Assay Reagents
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



## SOLVENT & SOLUBILITY

### In Vitro

DMSO : 100 mg/mL (551.91 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		5.5191 mL	27.5953 mL	55.1907 mL
	5 mM		1.1038 mL	5.5191 mL	11.0381 mL
	10 mM		0.5519 mL	2.7595 mL	5.5191 mL

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

## BIOLOGICAL ACTIVITY

### Description

Trometamol acetate (Tromethamine acetate) is a biologically inert amino alcohol of low toxicity, which buffers carbon dioxide and acids in vitro and in vivo. Trometamol acetate is an effective amine compound for pH control in the physiological range<sup>[1]</sup>.

## REFERENCES

[1]. Nahas GG, et al. Guidelines for the treatment of acidaemia with THAM. Drugs. 1998 Feb;55(2):191-224.

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

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