
1M Tris-HCl, pH6.8**Catalog#** BWR1051**Size:** 100 ml**Lot #** Check on the product label**Storage Instruction:** Store at RT for 1 year.**Introduction**

Tris, or tris(hydroxymethyl)aminomethane, or known during medical use as tromethamine or THAM, is an organic compound with the formula $(\text{HOCH}_2)_3\text{CNH}_2$, one of the twenty Good's buffers. It is extensively used in biochemistry and molecular biology as a component of buffer solutions such as in TAE and TBE buffers, especially for solutions of nucleic acids. It contains a primary amine and thus undergoes the reactions associated with typical amines, e.g. condensations with aldehydes. Tris also complexes with metal ions in solution. In medicine, tromethamine is occasionally used as a drug, given in intensive care for its properties as a buffer for the treatment of severe metabolic acidosis in specific circumstances. Some medications are formulated as the "tromethamine salt" including Hemabate (carboprost as trometamol salt), and "ketorolac trometamol".

Purity: $\geq 99.9\%$ **Formula:** $\text{C}_4\text{H}_{11}\text{NO}_3$ **Formula Weight:** 121.14

FOR RESEARCH USE ONLY. NOT FOR DIAGNOSTIC AND CLINICAL USE.

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