
1.5M Tris-HCl, pH8.8

Catalog# BWR1052

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.