

## Product Datasheet

### GP7166 - TRIS

Not classified as hazardous under CLP.  
Not classified as dangerous for transport.

#### Product Details

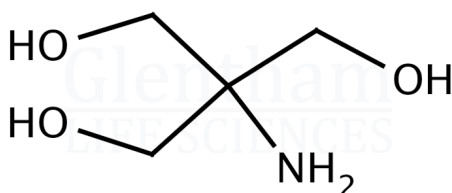
Product Name	TRIS
Glentham Code	GP7166
CAS Number	77-86-1
EINECS	201-064-4
Numéro MDL	MFCD00004679
CAS supplémentaire	83147-39-1
PubChem SID	310281429
Related Categories	APIs, Biochemicals, Buffers, Raw Materials (IVD), PCR, Reagents for Gel Electrophoresis of DNA/RNA, Reagents for Gel Electrophoresis of Proteins, Reagents for Cell Culture, Reagents for Northern and Southern Blotting, Reagents for Western Blotting

#### Glentham Product Specification

Physical Description	: White crystalline powder or crystals
Assay	: $\geq 99.0\%$ (anhydrous)
Water	: $\leq 0.5\%$
Melting Point	: 168.0 - 174.0 °C
Heavy Metals	: $\leq 10\text{ppm}$
Residue on Ignition	: $\leq 0.1\%$
pH (5% aqueous solution)	: 10.0 - 11.5
Version	: v1.0

#### Structure

Molecular Weight : 121.14  
Molecular Formula :  $\text{C}_4\text{H}_{11}\text{NO}_3$



#### About TRIS

TRIS is a base commonly used as a component of biological buffer solutions for maintaining pH within the physiological range (pH 7-9). It is also used in pharmaceuticals as an emulsifying agent, in the treatment of metabolic acidosis, and as a primary standard for standardising acid solutions.

#### Storage

Recommended storage temperature: +20°C.

#### Hazards and Transport

This document was generated electronically and is therefore valid without signature. © Glentham Life Sciences Ltd, 2025