

Product Datasheet

GP9311 -

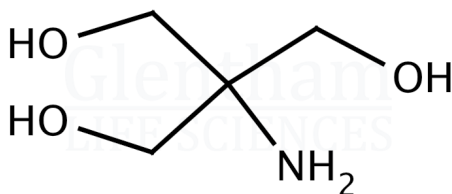
Tris(hydroxymethyl)aminomethane

Product Details

Product Name	Tris(hydroxymethyl)aminomethane
Glenthams Code	GP9311
CAS Number	77-86-1
EINECS	201-064-4
MDL Number	MFCD00004679
Additional CAS	83147-39-1
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

Structure

Molecular Weight	: 121.14
Molecular Formula	: C ₄ H ₁₁ NO ₃



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

Not classified as dangerous for transport.

CLP Classification	Skin Irr. 2, STOT SE 3, STOT SE 3, Eye Irr. 2A
Signal Word	Warning
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P305+P351+P338
Pictograms	

Glenthams Product Specification

Physical Description	: Colourless or white to almost white crystals
Solubility (20% in water)	: Clear, colourless to faint yellow solution
Colour (APHA)	: ≤ 20
pH (5% in water)	: 10.0 - 11.5
Melting Point	: 167.0 - 173.0 °C
Water	: ≤ 1.0%
UV Absorption (40% in water)	: 260 - 290 nm: ≤ 0.40
Assay (Titration)	: ≥ 99.0%
Version	: v1.0

About Tris(hydroxymethyl)aminomethane

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.