Glentham Life Sciences Ltd
Unit 5 Leafield Way
Corsham SN13 9SW
United Kingdom

t: +44 (0) 1225 667 798
f: +44 (0) 2033 978 909
e: info@glentham.com
w: www.glentham.com

Product Datasheet

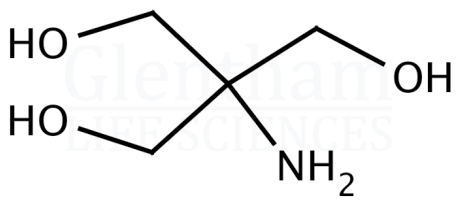
GP9311 - Tris(hydroxymethyl)aminomethane

Product Details

Product Name	Tris(hydroxymethyl)aminomethane
Glentham Code	GP9311
CAS Number	77-86-1
EINECS	201-064-4
Numéro MDL	MFCD00004679
CAS supplémentaire	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	:	$C_4H_{11}NO_3$



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	Attention
Hazard Codes	H315, H336, H335, H319
Precautionary Codes	P280, P261, P305+P351+P338
Pictograms	

Glentham 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.