

Product Datasheet

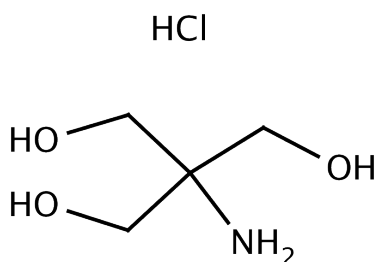
GB4431 - TRIS hydrochloride

Product Details

Product Name : TRIS hydrochloride
Glentham Code : GB4431
CAS Number : 1185-53-1
EINECS : 214-684-5
MDL Number : MFCD00012590
PubChem SID : 310281438
Related Categories : Biochemicals, Buffers, Raw Materials (IVD), 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 : 157.60
Molecular Formula : C₄H₁₁NO₃ · HCl



Storage

Recommended storage temperature: +20°C.

Hazards and Transport

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

Glentham Product Specification

Physical Description : White to off-white crystalline powder or crystals
Assay (Titration) : 99.0 - 101.0 %
UV Absorbance (1M in water) : 260nm: ≤ 0.060
: 280nm: ≤ 0.050
Loss on Drying : ≤ 0.5%
Melting Point : 149.0 - 153.0 °C
pH : 3.5 - 5.0 (0.5M in water, 25°C)
pKa : 8.0 - 8.4 (20°C)
Solubility : 1M in water: Clear, colorless solution
Iron (Fe) : ≤ 5ppm
Heavy Metals (as Pb) : ≤ 5ppm
Version : v1.0

About TRIS hydrochloride

No further details on record.