

Tris(hydroxymethyl)aminomethane

2-amino-2-(hydroxymethyl)propane-1,3-diol | CAS 77-86-1

Product identification

Product name	Tris(hydroxymethyl)aminomethane
Chemical name	2-amino-2-(hydroxymethyl)propane-1,3-diol
CAS number	77-86-1
PubChem CID	6503
Molecular formula	C4H11NO3
Molecular weight	121.14 g/mol
InChIKey	LENZDBCJOHFCAS-UHFFFAOYSA-N
Material type	Chemical reference material / laboratory chemical

Material description

Tris(hydroxymethyl)aminomethane is a primary amino triol / laboratory buffer supplied by Rexar for laboratory, analytical and reference applications.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Primary amino triol / laboratory buffer
Typical physical form	Solid / crystalline powder
Storage guidance	Keep tightly closed and dry; follow lot-specific supplier storage information.

Analytical use and traceability

Lot-specific purity, water content and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis.

Safety note

Use the applicable supplier SDS for the supplied grade. PubChem provides a Laboratory Chemical Safety Summary; no complete Rexar-specific CLP classification is inferred from identity alone.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026
Status	Reference information; not a certificate of analysis

Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation.