

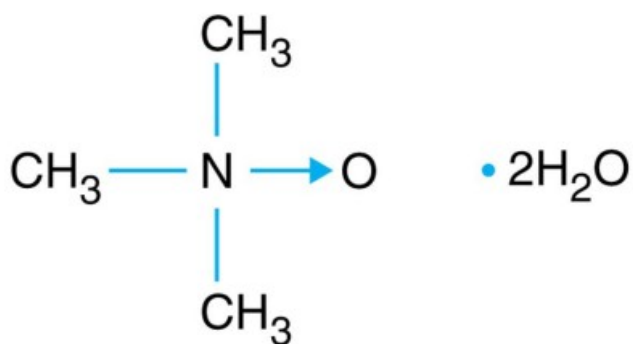


4.0 M TMAO - 1 ml

Water soluble cryoprotectant

Product codes:

Reference: HR 2857



Product gallery:



Product description:

- A very versatile cryoprotectant for macromolecular crystals
- Protein stabilizer
- TMAO can be a viable alternative when conventional cryoprotectants fail
- Low viscosity and low surface tension
- Sterile filtered
- Formulated in Type 1+ ultrapure water: 18.2 megaohm-cm resistivity at 25°C, 5 ppb Total Organic Carbon, bacteria free (1 Bacteria (CFU/ml)), pyrogen free (0.03 Endotoxin (EU/ml)), RNase-free (0.01 ng/mL) and DNase-free (4 pg/μL)

Trimethylamine N-oxide dihydrate (TMAO)

Formulated from TMAO dihydrate in Type 1 lab water (deionized) and sterile filtered (0.22 micron)

Synonyms: TMANO, TMAO

(CH₃)₃NO•2H₂O

C₃H₉NO•2H₂O

Mr 111.14

CAS Number [62637-93-8]

EC Number 214-675-6

Beilstein Registry Number 4(4)144

Merck 14,9711



RTECS YH2850000

Purity ? 98.0%

Measured pH range: 9.2 - 10.7 at 25°C

Measured Conductivity Range: 5.6 - 96.6 uS/cm at 25°C

Measured Refractive Index Range: 1.37660 - 1.37804 at 20°C

When using TMAO as a cryoprotectant, try soaking the crystals in 4.0 M TMAO for 10 seconds and then cryo cool directly in the cryo stream.

Per maggiori informazioni visita il sito <https://hamptonresearch.com/>

Product features:

CRF - TIPO: TMAO