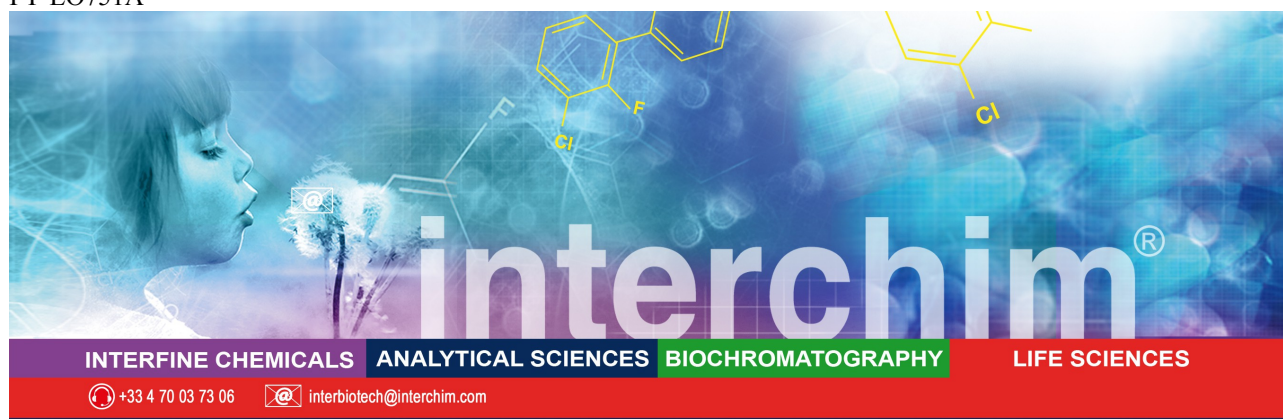


FT-EO751A

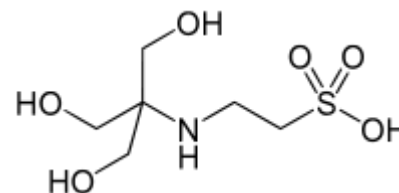


TES buffer

Used to prepare buffer solutions in the pH range 6.8–8.2

Product Description

Name :	TES Buffer, High Purity 2-[Tris-(hydroxymethyl)methylamino]-1-ethane sulfonic acid CAS: [7365-44-8]
Catalog Number :	EO751A, 100g EO751B, 500g EO751C, 1kg
Molecular Weight :	MW= 229,25
Formula :	C ₆ H ₁₅ NO ₆ S Solubility: Soluble in water at 500 mg/ml (quality control at 5% in H ₂ O)



Storage: Room temperature (Z)

TES is used to make buffer solutions. It has a pKa value of 7.550 (I=0, 25°C) [Goldberg, 2002]. It is one of the Good's buffers and can be used to make zwitterionic buffer solutions in the pH range 6.8–8.2. It is one of the components of Test yolk buffer medium used for refrigeration of semen and transport.

References

- Goldberg, R *et al.* "Thermodynamic Quantities for the Ionization Reactions of Buffers". *J. Phys. Chem. Ref. Data* 31: 231–370 (2002)
- Six C. *et al.*, Two Novel Phycoerythrin-Associated Linker Proteins in the Marine *Cyanobacterium Synechococcus* sp. Strain WH8102, *J. Bacteriol.*, 187: 1685 - 1694 (2005)

Ordering information

Catalog size quantities and prices may be found at <http://www.interchim.com>. Please inquire for higher quantities (availability, shipment conditions).

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