



LKT Laboratories, Inc.

## 2-Mercaptoethanesulfonate Sodium

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### Product Information

**Product ID** M1774

**CAS No.** 19767-45-4

**Chemical Name**

**Synonym** 2-Mercaptoethanesulfonic acid sodium salt, MESNA

**Formula** C<sub>2</sub>H<sub>5</sub>O<sub>3</sub>S<sub>2</sub> Na

**Formula Wt.** 164.18

**Melting Point** >240° C dec.

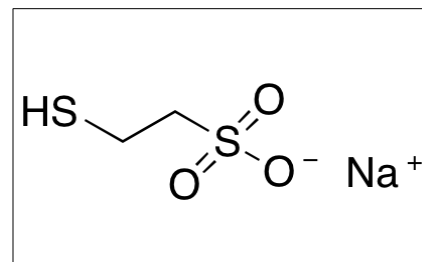
**Purity** ≥98%

**Solubility** Soluble in water (50 mg/mL),  
DMSO (33 mg/mL). Slightly  
soluble in alcohol. Practically  
insoluble in cyclohexane.

**Store Temp** Ambient

**Ship Temp** Ambient

**Description** 2-Mercaptoethanesulfate sodium (MESNA) is an organosulfur that exhibits mucolytic, immunomodulatory, antioxidative, and cytoprotective activities; it is commonly co-administered with chemotherapeutics and during surgeries to decrease potential cytotoxicity.



**Bulk quantities available upon request**

Product ID	Size
M1774	5 g
M1774	10 g
M1774	25 g

**References** Bogiatzi S, Pagonopoulou O, Simopoulou M, et al. The cytogenetic action of ifosfamide, mesna, and their combination on peripheral rabbit lymphocytes: an in vivo/in vitro cytogenetic study. *Cytotechnology*. 2014 Oct;66(5):753-60. PMID: 23949582.

Vincenti V, Magnan J, Saccardi MS, et al. Chemically Assisted Dissection by Means of Mesna in Cholesteatoma Surgery. *Otol Neurotol*. 2014 Jul 14. [Epub ahead of print]. PMID: 25025536.

Li X, Yang S, Lv X, et al. The mechanism of mesna in protection from cisplatin-induced ovarian damage in female rats. *J Gynecol Oncol*. 2013 Apr;24(2):177-85. PMID: 23653836.

**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.