



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 C₂H₅O₃S₂ Na

Formula Wt. 164.18

Melting Point >240° C dec.

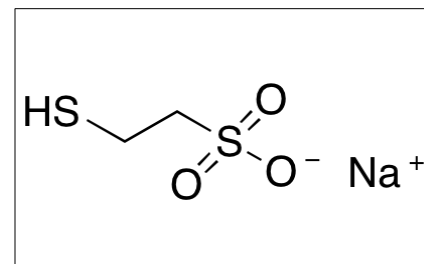
Purity ≥98%

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.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
M1774	5 g	\$52.50
M1774	10 g	\$97.30
M1774	25 g	\$187.30

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.