



LKT Laboratories, Inc.

Thiamphenicol Glycinate Hydrochloride

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Product Information

Product ID T2932

CAS No. 2611-61-2

Chemical Name 2,2-dichloro-N-[(1R,2R)-2-hydroxy-1-hydroxymethyl-2-[4-methylsulphonyl]phenyl]ethyl]acetamide glycinate hydrochloride

Synonym Neomyson G HCl, Urfamicin HCl

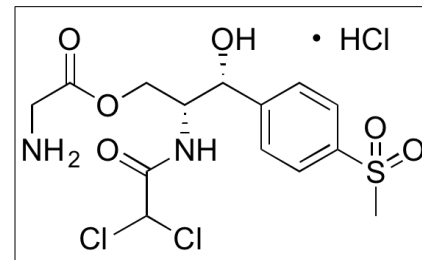
Formula $C_{14}H_{18}Cl_2N_2O_6S \cdot HCl$

Formula Wt. 449.7

Melting Point

Purity $\geq 98\%$

Solubility Soluble in water and DMF.



Product ID **Size**

T2932 1 g

T2932 5 g

T2932 25 g

Store Temp Ambient

Ship Temp Ambient

Description Thiamphenicol is a chloramphenicol analog that exhibits antibiotic activity. Thiamphenicol inhibits the 50S subunit of the bacterial ribosome, inhibiting protein translation. Thiamphenicol displays antibacterial efficacy against *Streptococcus*, *Staphylococcus*, *Escherichia*, and *Haemophilus*.

References Raymond J, Boutros N, Bergeret M. Role of thiamphenicol in the treatment of community-acquired lung infections. *Med Trop (Mars)*. 2004;64(1):33-8. PMID: 15224555.

Marchese A, Debbia EA, Tonoli E, et al. In vitro activity of thiamphenicol against multiresistant *Streptococcus pneumoniae*, *Haemophilus influenzae* and *Staphylococcus aureus* in Italy. *J Chemother*. 2002 Dec;14(6):554-61. PMID: 12583545.

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