



LKT Laboratories, Inc.

Thiamphenicol Palmitate

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Product Information

Product ID T2934

CAS No. 52628-58-7

Chemical Name

Synonym

Formula $C_{28}H_{45}Cl_2NO_6S$

Formula Wt. 594.63

Melting Point 108-112 °C

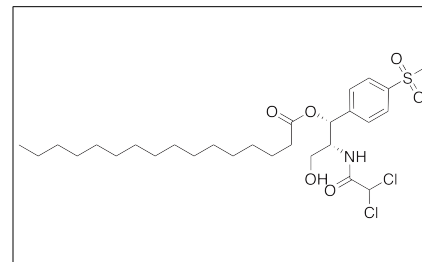
Purity ≥98%

Solubility

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*.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T2934	500 mg	\$61.10
T2934	1 g	\$92.00
T2934	5 g	\$200.10
T2934	25 g	\$561.40

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.