



LKT Laboratories, Inc.

Triclosan Methyl Ether

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Product Information

Product ID T6930

CAS No. 4640-01-1

Chemical Name 2,4,4'-Trichloro-2'-methoxydiphenyl ether

Synonym 5-Chloro-2-(2,4-dichlorophenoxy)anisole, Methyl triclosan

Formula C₁₃H₉Cl₃O₂

Formula Wt. 303.57

Melting Point

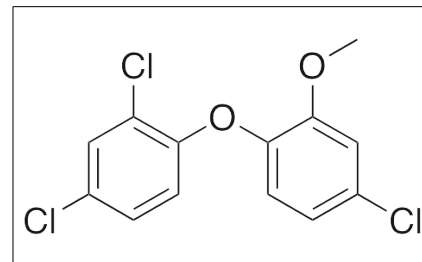
Purity ≥99%

Solubility Soluble in DMSO and Methanol

Store Temp 4° C

Ship Temp Ambient

Description Triclosan is a diarylether antimicrobial often found in commercial soap products. Triclosan exhibits antibacterial, antifungal, antiviral, and anti-inflammatory activities. Triclosan binds bacterial enoyl-acyl carrier protein reductase (ENR), increasing its affinity for NAD⁺ and forming a complex that prevents fatty acid synthesis and bacterial cell membrane formation. Triclosan also inhibits LPS-induced pro-inflammatory responses in epithelial cells.



Pricing and Availability

Bulk quantities available upon request

Product ID	Size	List Price
T6930	25 mg	\$121.40
T6930	50 mg	\$185.70

References Wallet MA, Calderon NI, Alonso TR, et al. Triclosan alters antimicrobial and inflammatory responses of epithelial cells. Oral Dis. 2013 Apr;19(3):296-302. PMID: 24079913.

Twanabasu BR, Smith CM, Stevens KJ, et al. Triclosan inhibits arbuscular mycorrhizal colonization in three wetland plants. Sci Total Environ. 2013 Mar 1;447:450-7. PMID: 23410867.

Russell AD. Whither triclosan? J Antimicrob Chemother. 2004 May;53(5):693-5. PMID: 15073159.

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