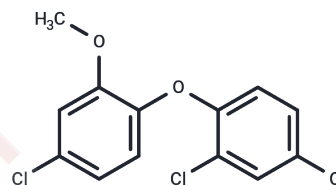


Triclosan-methyl

Chemical Properties

CAS No. :	4640-01-1
Formula:	C ₁₃ H ₉ Cl ₃ O ₂
Molecular Weight:	303.57
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Triclosan-methyl is a derivative of triclosan, which functions as a bactericide in various personal care products including toothpaste, shampoos, and soaps. Additionally, triclosan serves as a stabilizing agent in numerous detergents and cosmetics.
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2941 mL	16.4707 mL	32.9413 mL
5 mM	0.6588 mL	3.2941 mL	6.5883 mL
10 mM	0.3294 mL	1.6471 mL	3.2941 mL
50 mM	0.0659 mL	0.3294 mL	0.6588 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Xijuan Chen, et al. Biodegradation of triclosan and formation of methyl-triclosan in activated sludge under aerobic conditions. Chemosphere. 2011 Jul;84(4):452-6.

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