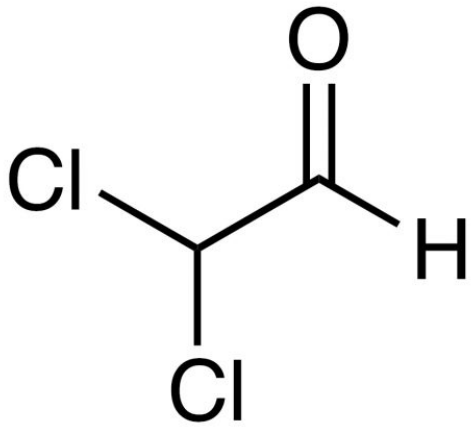
Product Data Sheet

Product Name: Dichloroacetaldehyde Hydrate
Cat. No.: GD09354

Chemical Properties

Cas. No.	16086-14-9		
Formula	$C_2H_4Cl_2O_2$	M.Wt	130.96
Solubility		Storage	-20°C
General tips	For obtaining a higher solubility , please warm the tube at 37 ℃ and shake it in the ultrasonic bath for a while.Stock solution can be stored below -20℃ for several months.		
Shipping Condition	Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.		
Structure			

Background

2,2-Dichloro-1,1-ethanediol is a metabolite of the insecticidesDichlorvos and Trichlorphon, is mutagenic in the Salmonella/microsome test.

References:
[1].Nishino SF, Shin KA, Gossett JM, Spain JC. Cytochrome P450 initiates degradation of cis-dichloroethene by Polaromonas sp. strain JS666. Appl Environ Microbiol. 2013;79(7):2263-2272.

Caution: Product has not been fully validated for medical applications. For research use only.
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