

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

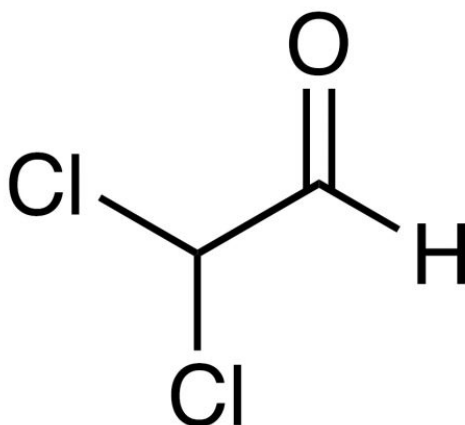
Solubility

Storage -20°C

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C 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 insecticides Dichlorvos 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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