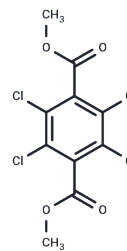


## Chlorthal-dimethyl

## Chemical Properties

CAS No. :	1861-32-1
Formula:	C <sub>10</sub> H <sub>6</sub> Cl <sub>4</sub> O <sub>4</sub>
Molecular Weight:	331.96
Storage:	Store at low temperature Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Chlorthal-dimethyl is used as a pesticide intermediate.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 20 mg/mL (60.25 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0124 mL	15.0621 mL	30.1241 mL
5 mM	0.6025 mL	3.0124 mL	6.0248 mL
10 mM	0.3012 mL	1.5062 mL	3.0124 mL
50 mM	0.0602 mL	0.3012 mL	0.6025 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

Bradman A, et al. Pesticides and their metabolites in the homes and urine of farmworker children living in the Salinas Valley, CA. J Expo Sci Environ Epidemiol. 2007 Jul;17(4):331-49.

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