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**Product Data Sheet**

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Product Name: Aldicarb  
Cat. No.: GC14613

**Chemical Properties**

Cas. No. 116-06-3

Chemical Name (E)-2-methyl-2-(methylthio)propanal O-((E)-hydroxy(methylimino)methyl) oxime

SMILES CC(/C([H])=N/O/C(O)=N/C)(SC)C

Formula  $C_7H_{14}N_2O_2S$  M.Wt 190.26

Solubility  $\geq 19\text{mg/mL}$  in DMSO Storage Store at  $-20^\circ\text{C}$

General tips For obtaining a higher solubility, please warm the tube at  $37^\circ\text{C}$  and shake it in the ultrasonic bath for a while. Stock solution can be stored below  $-20^\circ\text{C}$  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**

Aldicarb(OMS771; UC-21149) is a carbamate insecticide; is a cholinesterase inhibitor which prevents the breakdown of acetylcholine in the synapse.

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

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