

Product Data Sheet

Product Name: Aldicarb Sulfoxide

Cat. No.: GC42766

Chemical Properties

Cas. No. 1646-87-3

SMILES CNC(O/N=C/C(C)(C)S(C)=O)=O

Formula C7H14N2O3S

M.Wt 206.3

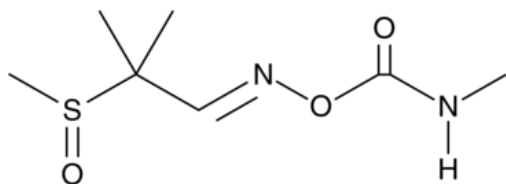
Solubility Water: Soluble

Storage Store at -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

Aldicarb sulfoxide is a metabolite and degradation product of the carbamate pesticide aldicarb . Aldicarb sulfoxide (10 µg/ml) reduces the number of male T. semipenetrans second-stage larvae that reach the third, fourth, and adult stages of development. It inhibits carboxylesterase and cholinesterase in zebrafish (IC50 = 10 µM for both).

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA