

Product Data Sheet

Product Name: Clethodim sulfoxide

Cat. No.: GC79617

Chemical Properties

Cas. No. 111031-14-2

Formula $C_{17}H_{26}ClNO_4S$

M.Wt 375.91

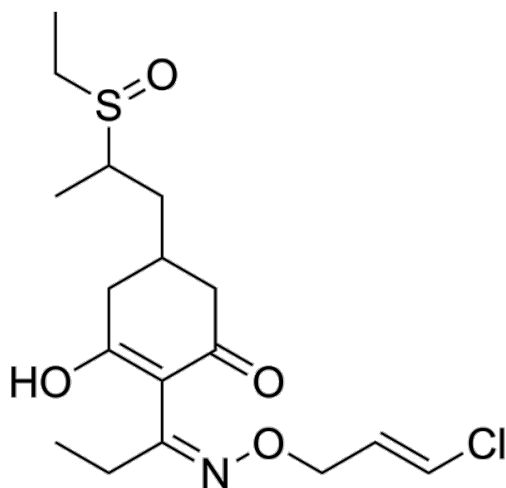
Solubility

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

Clethodim sulfoxide is the aerobic metabolite of clethodim, a cyclohexanedione oxime herbicide [1].

References:

[1]. Wang F, et al. Simultaneous determination and method validation of clethodim and its metabolites clethodim sulfoxide and clethodim sulfone in tobacco by LC-MS/MS. Biomed Chromatogr. 2018;32(4):10.1002/bmc.4148.

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

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