

## Product Data Sheet

Product Name: Fenthion sulfoxide

Cat. No.: GC79604

### Chemical Properties

Cas. No. 3761-41-9

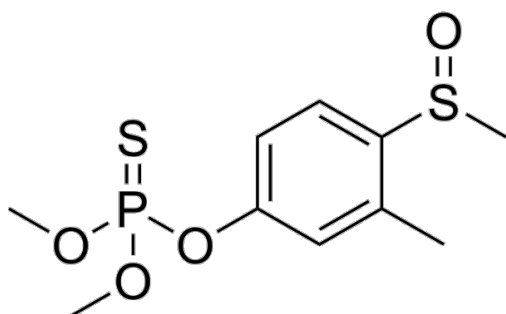
Formula  $C_{10}H_{15}O_4PS_2$  M.Wt 294.33

Solubility DMSO: 100 mg/mL (339.75 mM; Need ultrasonic) 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

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

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Fenthion sulfoxide is a metabolite of the organophosphate insecticide Fenthion. Fenthion sulfoxide can be formed from the transformation of Fenthion on grapes [1].

### References:

[1]. Kyriakidis N V, et al. Degradation of fenthion and fenthion sulfoxide on grapes on the vines and during refrigerated storage[J]. Food chemistry, 2005, 91(2): 241-245.

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