

Product Data Sheet

Product Name: Mecoprop

Cat. No.: GC70450

Chemical Properties

Cas. No. 93-65-2

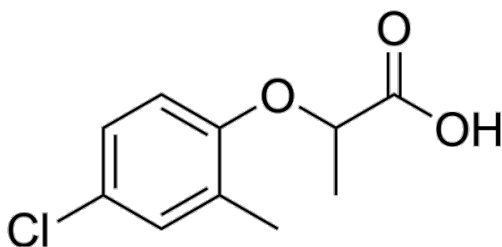
Formula $C_{10}H_{11}ClO_3$ M.Wt 214.65

Solubility DMSO : 100 mg/mL (465.87 mM; Storage -20°C
Need ultrasonic; Hygroscopic DMSO
has a significant impact on the
solubility of product, please use
newly opened DMSO)

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

Mecoprop is a herbicide.

Mecoprop (6.25 and 62.5 μ M) elevates testosterone (at 62.5 μ M) and estradiol (at 6.25 μ M) concentrations in oocyte incubation media^[1].

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

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References:

[1]. Orton F, et al. Endocrine disrupting effects of herbicides and pentachlorophenol: in vitro and in vivo evidence. Environ Sci Technol. 2009 Mar 15;43(6):2144-50.

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