

Product Data Sheet

Product Name: Metolachlor

Cat. No.: GD16089

Chemical Properties

Cas. No. 51218-45-2

Formula

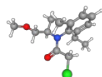
M.Wt

Solubility DMSO : ≥ 175 mg/mL (616.65 mM) Storage protect from light

General For obtaining a higher solubility , please warm the tube at 37 °C and shake it in the tips ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Evaluation sample solution : ship with blue ice All other available size: ship with RT , or Condition blue ice upon request.

Structure



Background

Metolachlor is a pre-emergent selective, chloroacetanilide herbicide for the control of a variety of annual grass and broad leaf weeds in corn and other crops. Metolachlor is a chiral herbicide consisting of four stereoisomers.

[1]. Jingqian Xie, et al. Metolachlor Stereoisomers: Enantioseparation, Identification and Chiral Stability. J Chromatogr A. 2016 Sep 9;1463:42-8.

[2]. D M Stamper, et al. Biodegradation of the Acetanilide Herbicides Alachlor, Metolachlor, and Propachlor. Crit Rev Microbiol. 1998;24(1):1-22.

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

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