

Product Data Sheet

Product Name: Isoproturon solution

Cat. No.: GD15004

Chemical Properties

Cas. No. 34123-59-6

Formula C₁₂H₁₈N₂O

M.Wt 206.284

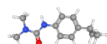
Solubility

Storage

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

Isoproturon belongs to the phenylurea herbicide family and is a systemic and selective herbicide. Isoproturon is widely applied for killing weeds in farmland, which can be used in the control of annual grasses and broad-leaved weeds in spring and winter wheat, winter rye and spring and winter barley.

[1]. Feng Fan Lu, et al. Isoproturon-Induced Salicylic Acid Confers Arabidopsis Resistance to Isoproturon Phytotoxicity and Degradation in Plants. J Agric Food Chem. 2018 Dec 19;66(50):13073-13083.

[2]. Mian Muhammad, et al. Determination of Isoproturon in Environmental Samples Using the QuEChERS Extraction-Spectrofluorimetric Method. Environ Toxicol Chem. 2019 Dec;38(12):2614-2620.

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

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