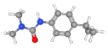
Product Data Sheet

Product Name: Isoproturon solution
Cat. No.: GD15004

Chemical Properties

Cas. No.	34123-59-6		
Formula	C12H18N2O	M.Wt	206.284
Solubility		Storage	
General 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

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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