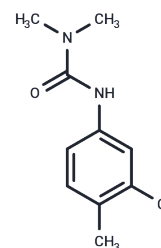


## Chlorotoluron

## Chemical Properties

CAS No. :	15545-48-9
Formula:	C <sub>10</sub> H <sub>13</sub> ClN <sub>2</sub> O
Molecular Weight:	212.68
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Chlorotoluron (Dicuran) is a phethylurea herbicide. Chlorotoluron has been used to control the growth of broad-leaved weeds in winter wheat, rye, barley, and triticale crops.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 55 mg/mL (258.6 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.7019 mL	23.5095 mL	47.019 mL
5 mM	0.9404 mL	4.7019 mL	9.4038 mL
10 mM	0.4702 mL	2.3509 mL	4.7019 mL
50 mM	0.094 mL	0.4702 mL	0.9404 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

### Reference

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