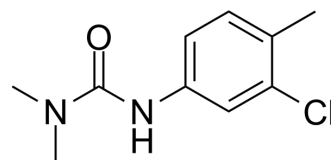


Chlorotoluron

Cat. No.:	HY-B2023
CAS No.:	15545-48-9
Molecular Formula:	C ₁₀ H ₁₃ ClN ₂ O
Molecular Weight:	212.68
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 50 mg/mL (235.09 mM; Need ultrasonic)

Concentration	Mass			
	1 mg	5 mg	10 mg	
1 mM	4.7019 mL	23.5095 mL	47.0190 mL	
5 mM	0.9404 mL	4.7019 mL	9.4038 mL	
10 mM	0.4702 mL	2.3510 mL	4.7019 mL	

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Chlorotoluron (Chlortoluron) is a substituted phenylurea herbicide, is widely used for selective weed control in cereals crops and is an environmental pollutant^[1].

REFERENCES

[1]. Z. Mehmood, et al. Metabolism of the Herbicide Chlortoluron by Human Cytochrome P450 3A4. Chemosphere. 1995 Dec;31(11-12):4515-29.

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

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