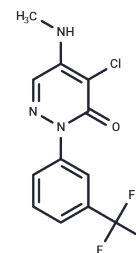


## Norflurazon

## Chemical Properties

CAS No. :	27314-13-2
Formula:	C <sub>12</sub> H <sub>9</sub> ClF <sub>3</sub> N <sub>3</sub> O
Molecular Weight:	303.67
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	Norflurazon is an excellent weed controlling agent being practiced in the agricultural lands.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 25 mg/mL (82.33 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	3.293 mL	16.4652 mL	32.9305 mL
5 mM	0.6586 mL	3.293 mL	6.5861 mL
10 mM	0.3293 mL	1.6465 mL	3.293 mL
50 mM	0.0659 mL	0.3293 mL	0.6586 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

P Chris Wilson , Hai Lu, Youjian Lin, et al. Norflurazon and Simazine Removal From Surface Water Using a Constructed Wetland. Bull Environ Contam Toxicol. 2011 Oct;87(4):426-30.

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