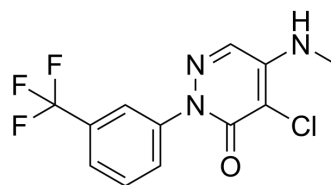


Norflurazon

Cat. No.:	HY-114849		
CAS No.:	27314-13-2		
Molecular Formula:	C ₁₂ H ₉ ClF ₃ N ₃ O		
Molecular Weight:	303.67		
Target:	Others		
Pathway:	Others		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 125 mg/mL (411.63 mM; ultrasonic and warming and heat to 60°C)

Concentration	Mass		
	1 mg	5 mg	10 mg
1 mM	3.2930 mL	16.4652 mL	32.9305 mL
5 mM	0.6586 mL	3.2930 mL	6.5861 mL
10 mM	0.3293 mL	1.6465 mL	3.2930 mL

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

BIOLOGICAL ACTIVITY

Description

Norflurazon (SAN 9789) is a bleaching herbicide. Norflurazon can block carotenoid biosynthesis by inhibiting phytoene desaturase activity^[1].

REFERENCES

[1]. Arous-Belbachir O, et, al. Evidence that norflurazon affects chloroplast lipid unsaturation in soybean leaves (*Glycine max L.*). *J Agric Food Chem.* 2009 Dec 9;57(23):11434-40.

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

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