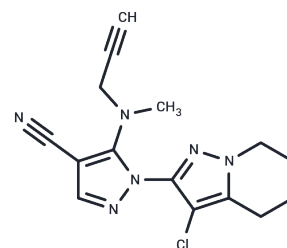


Pyraclonil

Chemical Properties

CAS No. :	158353-15-2
Formula:	C ₁₅ H ₁₅ ClN ₆
Molecular Weight:	314.77
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pyraclonil, a herbicide agent, effectively controls susceptible (S) and multiple-herbicide-resistant (MHR) E. indica populations as it acts as a proporphyrinogen oxidase (PPO) inhibitor.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 29 mg/mL(92.13 mM), (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1769 mL	15.8846 mL	31.7692 mL
5 mM	0.6354 mL	3.1769 mL	6.3538 mL
10 mM	0.3177 mL	1.5885 mL	3.1769 mL
50 mM	0.0635 mL	0.3177 mL	0.6354 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.

Reference

Sudo M , Goto Y , Iwama K , et al. Herbicide discharge from rice paddy fields by surface runoff and percolation flow: A case study in paddy fields in the Lake Biwa basin, Japan[J]. Journal of Pesticide ence, 2018, 43(1).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only· Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481