## Data Sheet (Cat.No.T40171)



## 2,4-D isooctyl ester

Chemical Proper	ties
CAS No. :	25168-26-7
Formula:	C16H22Cl2O3
Molecular Weight:	333.25 (C)
Appearance:	no data available
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year

<b>Biological Description</b>	
Description	2,4-D isooctyl ester is a chlorophenoxy compound herbicide characterized by its
	selective action and advantageous physical properties, such as a higher boiling point,
	low volatility, and low drift. It effectively manages broadleaf weeds across diverse
·	environments, including agricultural fields, lawns, and forested areas.

## **Preparing Stock Solutions**

	1mg	5mg	10mg
1 mM	3.0008 mL	15.0038 mL	30.0075 mL
5 mM 📀	0.6002 mL	3.0008 mL	6.0015 mL
10 mM	0.3001 mL	1.5004 mL	3.0008 mL
50 mM	0.060 mL	0.3001 mL	0.6002 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

Yan Wang, et al. Preparation and characterization of controlled-release poly(melamine-formaldehyde) microcapsules filled with 2,4-D isooctyl ester, International Journal of Polymeric Materials and Polymeric

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