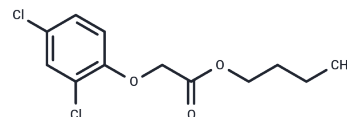


2,4-D Butyl ester

Chemical Properties

CAS No. : 94-80-4
Formula: C₁₂H₁₄Cl₂O₃
Molecular Weight: 277.14
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	2,4-D-butyl, a herbicide, is mainly used to control the growth of broadleaf weeds.
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Solubility Information

Solubility	DMSO: Soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6083 mL	18.0414 mL	36.0828 mL
5 mM	0.7217 mL	3.6083 mL	7.2166 mL
10 mM	0.3608 mL	1.8041 mL	3.6083 mL
50 mM	0.0722 mL	0.3608 mL	0.7217 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

Xiao L, Jia HF, Jeong IH, Ahn YJ, Zhu YZ. Isolation and Characterization of 2,4-D Butyl Ester Degrading Acinetobacter sp. ZX02 from a Chinese Ginger Cultivated Soil. J Agric Food Chem. 2017 Aug 30;65(34):7345-7351. doi: 10.1021

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