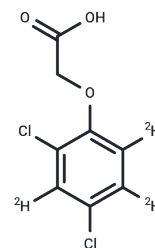


2,4-D-D3

Chemical Properties

CAS No. : 202480-67-9
 Formula: C₈D₃H₃Cl₂O₃
 Molecular Weight: 224.06
 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	2,4-D-D3 is a deuterated compound of 2,4-D. 2,4-D (T20945) has a CAS number of 94-75-7. 2,4-Dichlorophenoxyacetic acid is a synthetic auxin used as a plant growth regulator and also used as a supplement in plant cell culture media. It is an active ingredient in herbicides used to disrupts the actin cytoskeleton for the control of root elongation and cell production.
Targets(IC50)	DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.4631 mL	22.3155 mL	44.6309 mL
5 mM	0.8926 mL	4.4631 mL	8.9262 mL
10 mM	0.4463 mL	2.2315 mL	4.4631 mL
50 mM	0.0893 mL	0.4463 mL	0.8926 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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