

Fomesafen-D3

Chemical Properties

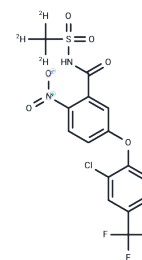
CAS No. :

Formula: C₁₅H₇D₃ClF₃N₂O₆S

Molecular Weight: 441.78

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	Fomesafen-D3 is a deuterated compound of Fomesafen. Fomesafen (T20622) has a CAS number of 72178-02-0. Fomesafen (T20622) is a diphenyl ether herbicide and an inhibitor of efficient and selective protoporphyrinogen IX oxidase (PPO).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2636 mL	11.3179 mL	22.6357 mL
5 mM	0.4527 mL	2.2636 mL	4.5271 mL
10 mM	0.2264 mL	1.1318 mL	2.2636 mL
50 mM	0.0453 mL	0.2264 mL	0.4527 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.

Reference

1. Khorram MS, et al. Reduced mobility of fomesafen through enhanced adsorption in biochar-amended soil. Environ Toxicol Chem. 2015 Jun;34(6):1258-66.

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