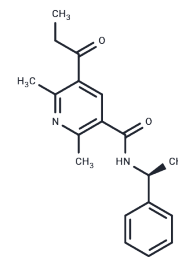


LS 82-556

Chemical Properties

CAS No. : 92751-45-6
 Formula: C₁₉H₂₂N₂O₂
 Molecular Weight: 310.39
 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	LS 82-556 is a peroxidizing herbicide.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2218 mL	16.1088 mL	32.2175 mL
5 mM	0.6444 mL	3.2218 mL	6.4435 mL
10 mM	0.3222 mL	1.6109 mL	3.2218 mL
50 mM	0.0644 mL	0.3222 mL	0.6444 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

Matringe M, Camadro JM, Labbe P, Scalla R. Protoporphyrinogen oxidase inhibition by three peroxidizing herbicides: oxadiazon, LS 82-556 and M&B 39279. FEBS Lett. 1989 Mar 13;245(1-2):35-8. PubMed PMID: 2522396.
 Varsano R, Matringe M, Magnin N, Mornet R, Scalla R. Competitive interaction of three peroxidizing herbicides with the binding of [3H]acifluorfen to corn etioplast membranes. FEBS Lett. 1990 Oct 15;272(1-2):106-8. PubMed PMID: 2146157.

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