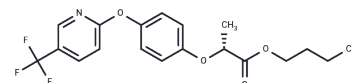


Fluazifop-P-butyl

Chemical Properties

CAS No. :	79241-46-6
Formula:	C ₁₉ H ₂₀ F ₃ NO ₄
Molecular Weight:	383.36
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Fluazifop-P-butyl is an arylophenoxypropionate group graminicide that functions as an inhibitor of acetyl-CoA carboxylase (ACCase)[1].
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Solubility Information

Solubility	DMSO: 100 mg/mL (260.85 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6085 mL	13.0426 mL	26.0851 mL
5 mM	0.5217 mL	2.6085 mL	5.217 mL
10 mM	0.2609 mL	1.3043 mL	2.6085 mL
50 mM	0.0522 mL	0.2609 mL	0.5217 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

Marcin Horbowicz, et al. Effect of Fluazifop-P-Butyl Treatment on Pigments and Polyamines Level Within Tissues of Non-Target Maize Plants. Pestic Biochem Physiol. 2013 Sep;107(1):78-85.

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