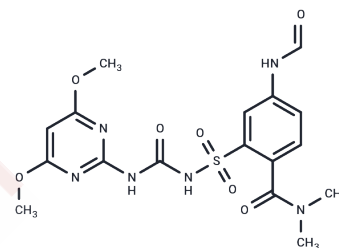


Foramsulfuron

Chemical Properties

CAS No. :	173159-57-4
Formula:	C ₁₇ H ₂₀ N ₆ O ₇ S
Molecular Weight:	452.44
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	Foramsulfuron is a potent ALS (acetolactate synthase) inhibitor and sulfonylurea post-emergence herbicide that inhibits plant growth by blocking branched-chain amino acid biosynthesis, primarily targeting grass and broadleaf weeds in corn fields.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2102 mL	11.0512 mL	22.1024 mL
5 mM	0.442 mL	2.2102 mL	4.4205 mL
10 mM	0.221 mL	1.1051 mL	2.2102 mL
50 mM	0.0442 mL	0.221 mL	0.442 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

Shekoofa A, et, al. Environmental effects on efficacy of herbicides for postemergence goosegrass (*Eleusine indica*) control. *Sci Rep.* 2020 Nov 25;10(1):20579.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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