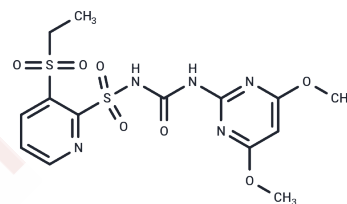


Rimsulfuron

Chemical Properties

CAS No. :	122931-48-0
Formula:	C ₁₄ H ₁₇ N ₅ O ₇ S ₂
Molecular Weight:	431.44
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	Rimsulfuron (DPX-E9636) is a sulfonylurea herbicide formulated for postemergence use in maize crops, effectively controlling grasses and specific broadleaf weeds.
Targets(IC50)	Others
In vitro	Rimsulfuron (DPX-E9636) was metabolized in vitro by maize microsomes into the same hydroxylated product through a NADPH-dependent reaction, indicating the involvement of cytochrome P450[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3178 mL	11.5891 mL	23.1782 mL
5 mM	0.4636 mL	2.3178 mL	4.6356 mL
10 mM	0.2318 mL	1.1589 mL	2.3178 mL
50 mM	0.0464 mL	0.2318 mL	0.4636 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

M.K.Koeppel, et al. Basis of Selectivity of the Herbicide Rimsulfuron in Maize.

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