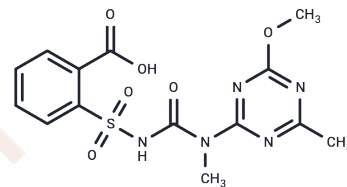


Tribenuron

Chemical Properties

CAS No. :	106040-48-6
Formula:	C ₁₄ H ₁₅ N ₅ O ₆ S
Molecular Weight:	381.36
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	Tribenuron, a slow-acting sulfonylurea herbicide, effectively controls broadleaf weed.
Targets(IC50)	Others
In vitro	Tribenuron, a sulfonylurea herbicide, exhibits slow-acting properties and demonstrates increased solubility in spray solutions as the pH level rises[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6222 mL	13.111 mL	26.2219 mL
5 mM	0.5244 mL	2.6222 mL	5.2444 mL
10 mM	0.2622 mL	1.3111 mL	2.6222 mL
50 mM	0.0524 mL	0.2622 mL	0.5244 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

R. Zollinger. Influence of Adjuvants on Weed Control from Tribenuron. Journal of ASTM International 2, no. 8 (2005): 1-7.

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