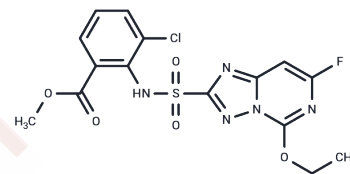


Cloransulam-methyl

Chemical Properties

CAS No. :	147150-35-4
Formula:	C ₁₅ H ₁₃ ClFN ₅ O ₅ S
Molecular Weight:	429.81
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	Cloransulam-methyl is an effective herbicide that is often applied to soybean fields to control broadleaf weeds. Cloransulam-methyl is rapidly metabolised in the soybean plant but is present in the soil. CBiPES hydrochloride (CBiPES HCl) is a potent orthosteric modulator of the mGlu2 receptor.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 1 mg/mL (2.33 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3266 mL	11.633 mL	23.2661 mL
5 mM	0.4653 mL	2.3266 mL	4.6532 mL
10 mM	0.2327 mL	1.1633 mL	2.3266 mL
50 mM	0.0465 mL	0.2327 mL	0.4653 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

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