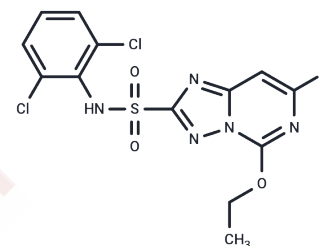


## Diclosulam

## Chemical Properties

CAS No. :	145701-21-9
Formula:	C <sub>13</sub> H <sub>10</sub> Cl <sub>2</sub> FN <sub>5</sub> O <sub>3</sub> S
Molecular Weight:	406.22
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	Diclosulam (XDE 564) is an herbicide with a Ki value of less than 32 nM. It exhibits a MIC of 6.25 and 12.5 μM, and a MIC50 of 1.40 and 3.01 μM against the CBS10913 and CBS12373 strains, respectively.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4617 mL	12.3086 mL	24.6172 mL
5 mM	0.4923 mL	2.4617 mL	4.9234 mL
10 mM	0.2462 mL	1.2309 mL	2.4617 mL
50 mM	0.0492 mL	0.2462 mL	0.4923 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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