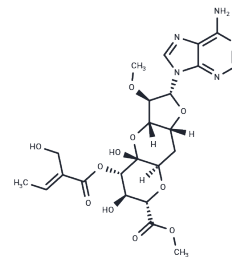


## Herbicidin A

## Chemical Properties

CAS No. :	55353-31-6
Formula:	C <sub>23</sub> H <sub>29</sub> N <sub>5</sub> O <sub>11</sub>
Molecular Weight:	551.5
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	Herbicidin A is an adenosine nucleoside antibiotic isolated from <i>Streptomyces scopuliridis</i> M40. Herbicidin A is also a herbicide against dicotyledonous plants.
Targets(IC50)	Others,Antibiotic,Antifungal

## Solubility Information

Solubility	Methanol: Soluble DMSO: Soluble DMF: Soluble Ethanol: Soluble ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8132 mL	9.0662 mL	18.1324 mL
5 mM	0.3626 mL	1.8132 mL	3.6265 mL
10 mM	0.1813 mL	0.9066 mL	1.8132 mL
50 mM	0.0363 mL	0.1813 mL	0.3626 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.

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