

## Plant growth regulator 1

## Chemical Properties

CAS No. :	357163-68-9
Formula:	C <sub>18</sub> H <sub>12</sub> ClF <sub>3</sub> N <sub>2</sub> O <sub>3</sub>
Molecular Weight:	396.75
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

## Biological Description

Description	Plant growth regulator 1 (Compound 2) is an antagonist of brassinolide (a type of brassinosteroid). It effectively inhibits the leaf inclination response in rice that is induced by brassinolide. This compound is valuable for research in plant growth regulation.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5205 mL	12.6024 mL	25.2048 mL
5 mM	0.5041 mL	2.5205 mL	5.041 mL
10 mM	0.252 mL	1.2602 mL	2.5205 mL
50 mM	0.0504 mL	0.252 mL	0.5041 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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