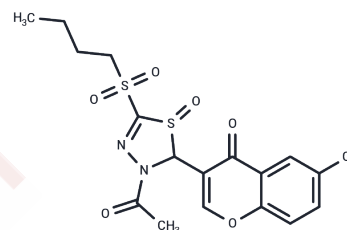


## Antifungal agent 94

## Chemical Properties

CAS No. :	3030502-21-4
Formula:	C <sub>17</sub> H <sub>17</sub> ClN <sub>2</sub> O <sub>6</sub> S <sub>2</sub>
Molecular Weight:	444.91
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	Antifungal agent 94 (Compound 49), a Flavonoid derivative, demonstrates antifungal activity with an EC <sub>50</sub> of 0.28 μM and a half-maximal effective concentration of 0.46 μg/mL against Rhizoctonia solani [1].
Targets(IC <sub>50</sub> )	Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.2476 mL	11.2382 mL	22.4765 mL
5 mM	0.4495 mL	2.2476 mL	4.4953 mL
10 mM	0.2248 mL	1.1238 mL	2.2476 mL
50 mM	0.045 mL	0.2248 mL	0.4495 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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