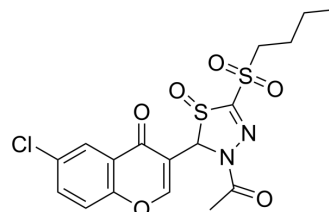


Antifungal agent 94

Cat. No.:	HY-158053
CAS No.:	3030502-21-4
Molecular Formula:	C ₁₇ H ₁₇ ClN ₂ O ₆ S ₂
Molecular Weight:	444.91
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antifungal agent 94 (Compound 49) is a Flavonoid derivative, which exhibits antifungal activity with EC₅₀ of 0.28 μM and a half-maximal effective concentration of 0.46 μg/mL against *Rhizoctonia solani*^[1].

REFERENCES

[1]. Dai P, et al., Novel 5-Sulfonyl-1,3,4-thiadiazole-Substituted Flavonoids as Potential Bactericides and Fungicides: Design, Synthesis, Three-Dimensional Quantitative Structure-Activity Relationship Studies. *J Agric Food Chem.* 2024 Mar 27;72(12):6672-6683.

Caution: Product has not been fully validated for medical applications. For research use only.

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