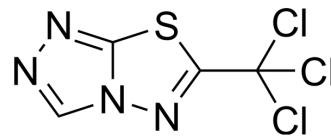


Antifungal agent 74

Cat. No.:	HY-156251
CAS No.:	2856379-97-8
Molecular Formula:	C ₄ HCl ₃ N ₄ S
Molecular Weight:	243.5
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antifungal agent 74 (compound 3c) is a potent antifungal agent that displays excellent fungicidal activity against *C. arachidicola* and *R. solani*. Antifungal agent 74 exerts its fungicidal activity by disrupting steroid biosynthesis and ribosome biogenesis in eukaryotes^[1].

REFERENCES

[1]. Wei Gao, et al. CoMFA Directed Molecular Design for Significantly Improving Fungicidal Activity of Novel [1,2,4]-Triazolo-[3,4- b][1,3,4]-thiadiazoles. *J Agric Food Chem.* 2023 Oct 4;71(39):14125-14136.

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

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