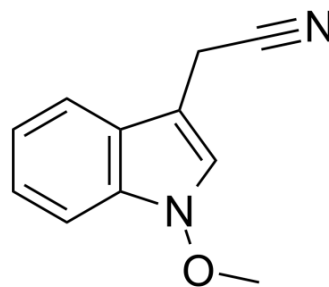


Caulilexin C

Cat. No.:	HY-N3556
CAS No.:	30536-48-2
Molecular Formula:	C ₁₁ H ₁₀ N ₂ O
Molecular Weight:	186.21
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Caulilexin C is a phytoalexin from crucifers with antifungal activity ^[1] .
IC ₅₀ & Target	Antifungal ^[1]
In Vitro	Caulilexin C causes complete growth inhibition (0.5 mM) of <i>Rhizoctonia solani</i> and has a smaller effect on <i>Leptosphaeria maculans</i> (77% inhibition), appearing to be slightly more antifungal than arvelexin ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Pedras MS, et al. The phytoalexins from cauliflower, caulilexins A, B and C: isolation, structure determination, syntheses and antifungal activity. *Phytochemistry*. 2006 Jul;67(14):1503-9.

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

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