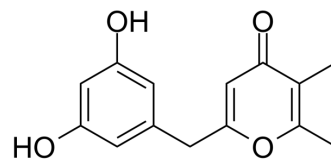


Chaetosemin J

Cat. No.:	HY-N10292
CAS No.:	2230052-47-6
Molecular Formula:	C ₁₄ H ₁₄ O ₄
Molecular Weight:	246.26
Target:	Fungal; Endogenous Metabolite
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Chaetosemin J, an antifungal metabolite, exhibits inhibitory activity against plant pathogenic fungi <i>Botrytis cinerea</i> , <i>Alternaria solani</i> , <i>Magnaporthe oryzae</i> , and <i>Gibberella saubinetii</i> , with MIC values ranging from 12.5-25 μM ^[1] .
IC ₅₀ & Target	Microbial Metabolite

REFERENCES

[1]. Li H, et al. Polyketides from two *Chaetomium* species and their biological functions. *J Antibiot (Tokyo)*. 2018 Jul;71(7):677-681.

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

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