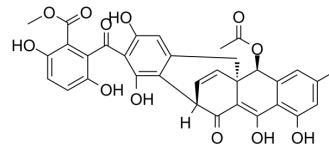


Acremonidin A

Cat. No.:	HY-N10198
CAS No.:	701914-77-4
Molecular Formula:	C ₃₃ H ₂₆ O ₁₂
Molecular Weight:	614.55
Target:	Endogenous Metabolite; Calmodulin
Pathway:	Metabolic Enzyme/Protease; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Acremonidin A is a potent calmodulin (CaM) inhibitor found in <i>Purpureocillium lilacinum</i> . Acremonidin A binds to the human calmodulin (hCaM) biosensor hCaM M124C-mBBr, with K _d of 19.40 nM ^[1] .
IC ₅₀ & Target	Microbial Metabolite

REFERENCES

[1]. Madariaga-Mazón A, et al. Absolute configuration of acremoxanthone C, a potent calmodulin inhibitor from *Purpureocillium lilacinum*. *J Nat Prod.* 2013;76(8):1454-1460.

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

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