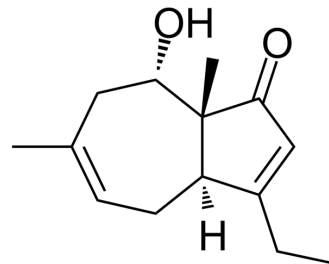


Aculene D

Cat. No.:	HY-N10192
CAS No.:	2043948-38-3
Molecular Formula:	C ₁₄ H ₂₀ O ₂
Molecular Weight:	220.31
Target:	Endogenous Metabolite; Bacterial
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Aculene D, a fungal metabolite, shows quorum sensing (QS) inhibitory activity against *Chromobacterium violaceum* CV026, and could significantly reduce violacein production in N-hexanoyl-L-homoserine lactone (C6-HSL) induced *C. violaceum* CV026 cultures at sub-inhibitory concentrations^[1].

REFERENCES

[1]. Kong FD, et al. Metabolites with Gram-negative bacteria quorum sensing inhibitory activity from the marine animal endogenic fungus *Penicillium* sp. SCS-KFD08. *Arch Pharm Res.* 2017;40(1):25-31.

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

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