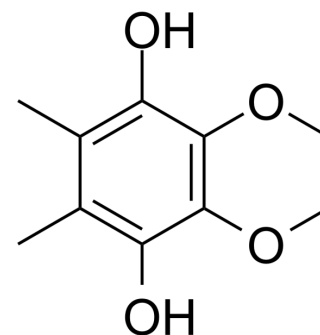


Hydroaurantiogliocladin

Cat. No.:	HY-N10191
CAS No.:	776-33-0
Molecular Formula:	C ₁₀ H ₁₄ O ₄
Molecular Weight:	198.22
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Hydroaurantiogliocladin is a quinol. Hydroaurantiogliocladin can be used as substrate for the quinol-cytochrome c oxidoreductase activity (beef heart enzyme) ^[1] .
In Vitro	Inhibition of the steady-state activity by antimycin A or funiculosin, with DecQH ₂ or Hydroaurantiogliocladin (MeQH), as substrates, caused parabolic titration curves with inhibition of 25% at a titer degree of 0.5 inhibitor molecule/bcl complex ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bechmann G, et al. Non-linear inhibition curves for tight-binding inhibitors of dimeric ubiquinol-cytochrome c oxidoreductases. Evidence for rapid inhibitor mobility. Eur J Biochem. 1992;208(2):315-325.

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

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