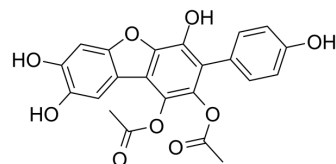


1,2-Diacetoxy-4,7,8-trihydroxy-3-(4-hydroxyphenyl)dibenzofuran

Cat. No.:	HY-N9283
CAS No.:	146905-24-0
Molecular Formula:	C ₂₂ H ₁₆ O ₉
Molecular Weight:	424.36
Target:	Reactive Oxygen Species
Pathway:	Immunology/Inflammation; Metabolic Enzyme/Protease; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	1,2-Diacetoxy-4,7,8-trihydroxy-3-(4-hydroxyphenyl)dibenzofuran, isolated from the edible mushroom <i>Sarcodon leucopus</i> , has antioxidant effects in the DPPH scavenging assay with the IC ₅₀ of 28 μM, inhibits malondialdehyde (MDA) with the IC ₅₀ of 71 μM, and inhibits α-glucosidase with the IC ₅₀ of 6.22 μM ^[1] .
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REFERENCES

[1]. Ke Ma et al. Two sarcoviolins with antioxidative and α-glucosidase inhibitory activity from the edible mushroom *Sarcodon leucopus* collected in Tibet. *J Nat Prod.* 2014 Apr 25;77(4):942-7.

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

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