



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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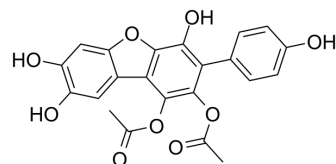
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## 1,2-Diacetoxy-4,7,8-trihydroxy-3-(4-hydroxyphenyl)dibenzofuran

Cat. No.:	HY-N9283
CAS No.:	146905-24-0
Molecular Formula:	C <sub>22</sub> H <sub>16</sub> O <sub>9</sub>
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 *Sarcodon leucopus*, has antioxidant effects in the DPPH scavenging assay with the IC<sub>50</sub> of 28 μM, inhibits malondialdehyde (MDA) with the IC<sub>50</sub> of 71 μM, and inhibits α-glucosidase with the IC<sub>50</sub> of 6.22 μM<sup>[1]</sup>.

### 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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