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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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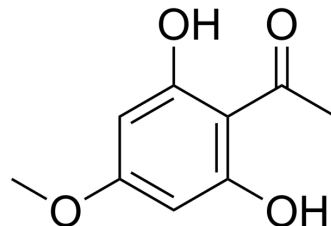
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2,6-Dihydroxy-4-methoxyacetophenone

Cat. No.:	HY-N9695
CAS No.:	7507-89-3
Molecular Formula:	C ₉ H ₁₀ O ₄
Molecular Weight:	182.17
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	2,6-Dihydroxy-4-methoxyacetophenone is a phytoalexin, that can be isolated from the root tissue of <i>Sanguisorba minor</i> . 2,6-Dihydroxy-4-methoxyacetophenone exhibits antifungal activity. 2,6-Dihydroxy-4-methoxyacetophenone is a strong germination inhibitor on <i>B. cinerea</i> ^[1] .
In Vitro	2,6-Dihydroxy-4-methoxyacetophenone exhibits antifungal activity against two non-pathogenic fungi, <i>Botrytis cinerea</i> and <i>Phomopsis perniciosa</i> . The ED ₅₀ s on spore germination were 45 and 410 μM, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kokubun T, et al. 2',6'-Dihydroxy-4'-methoxyacetophenone, a phytoalexin from the roots of *Sanguisorba minor*. *Phytochemistry*, 1994, 35(2):331-333.

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

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