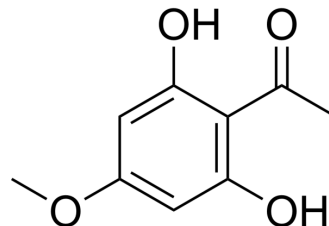


## 2,6-Dihydroxy-4-methoxyacetophenone

Cat. No.:	HY-N9695
CAS No.:	7507-89-3
Molecular Formula:	C <sub>9</sub> H <sub>10</sub> O <sub>4</sub>
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

<b>Description</b>	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> <sup>[1]</sup> .
<b>In Vitro</b>	2,6-Dihydroxy-4-methoxyacetophenone exhibits antifungal activity against two non-pathogenic fungi, <i>Botrytis cinerea</i> and <i>Phomopsis perniciosa</i> . The ED <sub>50</sub> s on spore germination were 45 and 410 μM, respectively <sup>[1]</sup> . 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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