



# 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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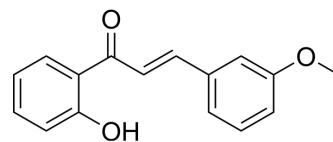
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## 2-Hydroxy-3-methoxychalcone

Cat. No.:	HY-W411442
CAS No.:	7146-86-3
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>3</sub>
Molecular Weight:	254.28
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	2-Hydroxy-3-methoxychalcone is a methoxy-derivative of 2'-Hydroxychalcone with an anticancer activity <sup>[1]</sup> .
<b>In Vitro</b>	2-Hydroxy-3-methoxychalcone (TJ3) (10 μM and 25 μM) significantly reduces the concentration of MIF secreted by SW480 cells which correlates with downregulations of ICAM-1. 2-Hydroxy-3-methoxychalcone (25 μM) increases the concentration of IL-8 in SW480 and SW620 cancer cells <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Joanna Bronikowska, et al. The modulating effect of methoxy-derivatives of 2'-hydroxychalcones on the release of IL-8, MIF, VCAM-1 and ICAM-1 by colon cancer cells. Biomed Pharmacother. 2022 Jan;145:112428.

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

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