



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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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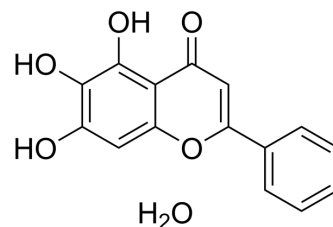
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## Baicalein hydrate

<b>Cat. No.:</b>	HY-N0196A
<b>CAS No.:</b>	352000-07-8
<b>Molecular Formula:</b>	C <sub>15</sub> H <sub>12</sub> O <sub>6</sub>
<b>Molecular Weight:</b>	288.25
<b>Target:</b>	Influenza Virus; Ferroptosis; Xanthine Oxidase
<b>Pathway:</b>	Anti-infection; Apoptosis; Metabolic Enzyme/Protease
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Baicalein hydrate (ALA; C18:3 (9Z,12Z,15Z); C18:3 n-3) is a xanthine oxidase inhibitor with an IC <sub>50</sub> value of 3.12 μM.
<b>IC<sub>50</sub> &amp; Target</b>	IC <sub>50</sub> : 3.12 μM (xanthine oxidase) <sup>[1]</sup>

### CUSTOMER VALIDATION

- Theranostics. 2021 Jul 13;11(17):8301-8321.
- Pharmacol Res. 2023 Jan 16;188:106666.
- Acta Pharmacol Sin. 2024 Apr 29.
- Acta Pharmacol Sin. 2021 Oct 20.
- Antiviral Res. 2023 Jan 13;211:105542.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

- [1]. Shieh DE, et al. Antioxidant and free radical scavenging effects of baicalein, baicalin and wogonin. *Anticancer Res.* 2000 Sep-Oct;20(5A):2861-5.
- [2]. Patwardhan RS, et al. Baicalein exhibits anti-inflammatory effects via inhibition of NF-κB transactivation. *Biochem Pharmacol.* 2016 May 15;108:75-89.
- [3]. Ma X, et al. Baicalein suppresses metastasis of breast cancer cells by inhibiting EMT via downregulation of SATB1 and Wnt/β-catenin pathway. *Drug Des Devel Ther.* 2016 Apr 18;10:1419-41.
- [4]. Kong EK, et al. A novel anti-fibrotic agent, baicalein, for the treatment of myocardial fibrosis in spontaneously hypertensive rats. *Eur J Pharmacol.* 2011 May 11;658(2-3):175-81.

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

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