



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

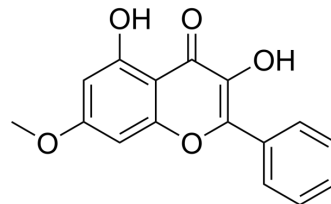
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Izalpinin

Cat. No.:	HY-N8718
CAS No.:	480-14-8
Molecular Formula:	C <sub>16</sub> H <sub>12</sub> O <sub>5</sub>
Molecular Weight:	284.26
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Izalpinin is a dihydrochalcone with cytotoxic effect against cancer cell lines. Izalpinin can be isolated from the leaves of <i>Muntingia calabura</i> <sup>[1]</sup> .
<b>In Vitro</b>	Izalpinin (compound 9) inhibits cell viability of cancer cell lines with IC <sub>50</sub> s of 8.9 µg/mL (P388) and 15.0 µg/mL (HT-29), respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Chen JJ, et al. Cytotoxic chalcones and flavonoids from the leaves of *Muntingia calabura*. *Planta Med.* 2005 Oct;71(10):970-3.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA