



# 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

Quellenstraße 110, A-1100 Wien

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

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

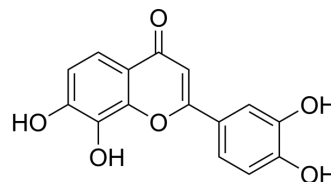
[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

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

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## 7,8,3',4'-Tetrahydroxyflavone

Cat. No.:	HY-N8600
CAS No.:	3440-24-2
Molecular Formula:	C <sub>15</sub> H <sub>10</sub> O <sub>6</sub>
Molecular Weight:	286.24
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	4°C, protect from light, stored under nitrogen * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light, stored under nitrogen)



### BIOLOGICAL ACTIVITY

Description	7,8,3',4'-Tetrahydroxyflavone (compound 2) is a potent xanthine oxidase (XOD) inhibitor with an IC <sub>50</sub> value of 10.488 μM <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 10.488 μM (XOD) <sup>[1]</sup>

### REFERENCES

[1]. Tung YT, et al. Inhibition of xanthine oxidase by *Acacia confusa* extracts and their phytochemicals. *J Agric Food Chem.* 2010 Jan 27;58(2):781-6.

**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