



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

www.szabo-scandic.com

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

Isogentisin

Chemical Properties

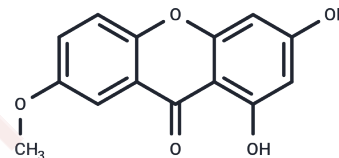
CAS No. : 491-64-5

Formula: C₁₄H₁₀O₅

Molecular Weight: 258.2262

Appearance: no data available

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Isogentisin (BRN 0258402), a compound isolated from Gentianaceae, is a novel compound for the prevention of smoking-induced endothelial damage. Isogentisin exhibits inhibitory effects on monoamine oxidase.
Targets(IC50)	MAO
In vitro	The <i>G. lutea</i> leaf extract exhibited moderate cytotoxic effects toward HeLa cells with an IC ₅₀ value of 41.1 microg/mL. Isogentisin was isolated and identified from <i>G. lutea</i> leaves, isogentisin exerted strong activity against HeLa cells, with IC ₅₀ values is 8.8 ± 0.9 µg/mL.[1]

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8725 mL	19.3626 mL	38.7252 mL
5 mM	0.7745 mL	3.8725 mL	7.745 mL
10 mM	0.3873 mL	1.9363 mL	3.8725 mL
50 mM	0.0775 mL	0.3873 mL	0.7745 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

Balijagić J, et al. Chemical profile, radical scavenging and cytotoxic activity of yellow gentian leaves (*Gentianeae luteaefolium*) grown in northern regions of Montenegro. *Nat Prod Commun.* 2012;7(11):1487-1490.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286

E_mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481