



# 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

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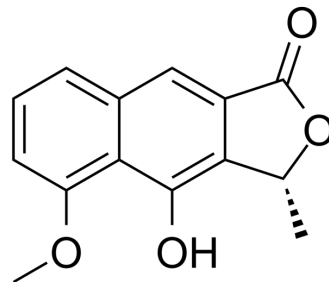
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## Eleutherol

Cat. No.:	HY-N7626
CAS No.:	480-00-2
Molecular Formula:	C <sub>14</sub> H <sub>12</sub> O <sub>4</sub>
Molecular Weight:	244.24
Target:	Fungal; Glucosidase
Pathway:	Anti-infection; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Eleutherol is a naphthalene isolated from <i>E. americana</i> with antifungal activities <sup>[1]</sup> . Eleutherol is against yeasts <i>Candida albicans</i> , <i>C. tropicalis</i> , <i>Saccharomyces cerevisiae</i> and <i>Cryptococcus neoformans</i> with MIC values between 7.8 µg/mL and 250 µg/mL <sup>[1]</sup> . Eleutherol inhibits α-glucosidase function with an IC <sub>50</sub> >1.00 mM <sup>[2]</sup> .
IC <sub>50</sub> & Target	MIC: antifungal <sup>[1]</sup>

### REFERENCES

- [1]. Adriana Campos, et al. Antifungal Activity of Pyranonaphthoquinones Obtained from *Cipura paludosa* Bulbs. *Nat Prod Commun.* 2015 Sep;10(9):1589-92.
- [2]. Tomohiro Ieyama, et al. α-Glucosidase inhibitors from the bulb of *Eleutherine americana*. *Food Chem.* 2011 Sep 15;128(2):308-11.

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

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