



# 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

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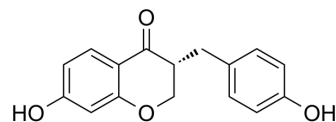
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## (3R)-7,4'-Dihydrohomoisoflavanone

Cat. No.:	HY-N8186
CAS No.:	1178893-64-5
Molecular Formula:	C <sub>16</sub> H <sub>14</sub> O <sub>4</sub>
Molecular Weight:	270.28
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	(3R)-7,4'-Dihydrohomoisoflavanone is a natural product with antibacterial activities against <i>S. aureus</i> and methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) <sup>[1]</sup> .
In Vitro	(3R)-7,4'-Dihydrohomoisoflavanone shows cytotoxicity against K-562, SMMC-7721, and SGC-7901 cell lines with IC <sub>50</sub> values of 15.6 µg/mL, 30.2 µg/mL, and 20.5 µg/mL, respectively <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Ying Luo, et al. Cytotoxic and antibacterial flavonoids from dragon's blood of *Dracaena cambodiana*. *Planta Med.* 2011 Dec;77(18):2053-6.

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

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