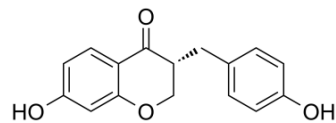


(3R)-7,4'-Dihydrohomoisoflavanone

Cat. No.:	HY-N8186
CAS No.:	1178893-64-5
Molecular Formula:	C ₁₆ H ₁₄ O ₄
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) ^[1] .
In Vitro	(3R)-7,4'-Dihydrohomoisoflavanone shows cytotoxicity against K-562, SMMC-7721, and SGC-7901 cell lines with IC ₅₀ values of 15.6 µg/mL, 30.2 µg/mL, and 20.5 µg/mL, respectively ^[1] . 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.

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