



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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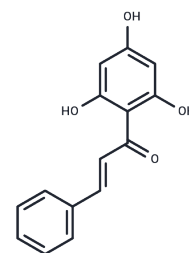
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Pinocembrin chalcone

Chemical Properties

CAS No. :	4197-97-1
Formula:	C ₁₅ H ₁₂ O ₄
Molecular Weight:	256.25
Appearance:	no data available
Storage:	store at low temperature Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Pinocembrin chalcone is an inhibitor of tyrosinase with antimutagenic effects. Pinocembrin chalcone can be used in studies about the prevention of gastric ulcers.
Targets(IC50)	Calcium Channel,Tyrosinase,Antibacterial,Antifection
In vitro	Pinocembrin chalcone exhibits antibacterial activity against the antibiotic-susceptible NG strain WHO V and Candida albicans with a MIC of 100 µg/mL[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.9024 mL	19.5122 mL	39.0244 mL
5 mM	0.7805 mL	3.9024 mL	7.8049 mL
10 mM	0.3902 mL	1.9512 mL	3.9024 mL
50 mM	0.078 mL	0.3902 mL	0.7805 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

Ruddock PS, et al. Antimicrobial activity of flavonoids from Piper lanceaefolium and other Colombian medicinal plants against antibiotic susceptible and resistant strains of Neisseria gonorrhoeae. Sex Transm Dis. 2011 Feb;38

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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