



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

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Dieckol

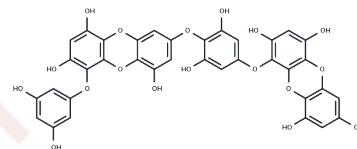
Chemical Properties

CAS No. : 88095-77-6

Formula: C₃₆H₂₂O₁₈

Molecular Weight: 742.55

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	Dieckol, a rhizomycin found in some brown algae species, has antimicrobial, anticancer, antioxidant, antiaging, antidiabetic, and neuroprotective effects, ameliorates acute hearing loss, and inhibits cell proliferation through cell cycle arrest in human tracheal fibroblasts via Hs680.Tr.
Targets(IC50)	Others,Antioxidant,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3467 mL	6.7336 mL	13.4671 mL
5 mM	0.2693 mL	1.3467 mL	2.6934 mL
10 mM	0.1347 mL	0.6734 mL	1.3467 mL
50 mM	0.0269 mL	0.1347 mL	0.2693 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

Durairaj Karthick Rajan, et al. Dieckol: a brown algal phlorotannin with biological potential. Biomed Pharmacother. 2021 Oct;142:111988.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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