



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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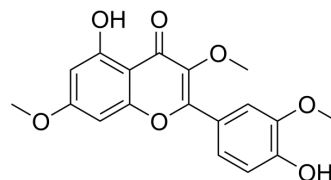
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Pachypodol

Cat. No.:	HY-N3121
CAS No.:	33708-72-4
Molecular Formula:	C ₁₈ H ₁₆ O ₇
Molecular Weight:	344.32
Target:	Others
Pathway:	Others
Storage:	4°C, sealed storage, away from moisture and light * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 100 mg/mL (290.43 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.9043 mL	14.5214 mL	29.0428 mL
	5 mM		0.5809 mL	2.9043 mL	5.8085 mL
	10 mM		0.2904 mL	1.4521 mL	2.9043 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Pachypodol exerts antioxidant and cytoprotective effects in HepG2 cells^[1]. Pachypodol inhibits the growth of CaCo 2 colon cancer cell line in vitro (IC₅₀ = 185.6 mM)^[2].

REFERENCES

- [1]. Kim EK, et al. Pachypodol, a Methoxyflavonoid Isolated from Pogostemon cablin Benthams Exerts Antioxidant and Cytoprotective Effects in HepG2 Cells: Possible Role of ERK-Dependent Nrf2 Activation. Int J Mol Sci. 2019;20(17):4082. Published 2019 Aug 21.
- [2]. Ali HA, et al. Pachypodol, a flavonol from the leaves of Calycopteris floribunda, inhibits the growth of CaCo 2 colon cancer cell line in vitro. Phytother Res. 2008;22(12):1684-1687.

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

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