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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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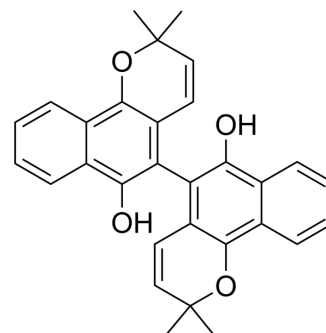
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Tectol

Cat. No.:	HY-N7634
CAS No.:	24449-39-6
Molecular Formula:	C ₃₀ H ₂₆ O ₄
Molecular Weight:	450.53
Target:	Farnesyl Transferase; Parasite
Pathway:	Metabolic Enzyme/Protease; Anti-infection
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	Tectol, isolated from <i>Lippia sidoides</i> , exhibits significant activity against human leukemia cell lines HL60 and CEM ^[1] . Tectol is a farnesyltransferase (FTase) inhibitor with IC ₅₀ s of 2.09 and 1.73 μM for human and <i>T. brucei</i> FTase, respectively. Tectol inhibits drug-resistant strain of <i>P. falciparum</i> (FcB1) with an IC ₅₀ of 3.44 μM ^{[1][2]} .
IC ₅₀ & Target	Plasmodium

REFERENCES

[1]. Costa SM, et al. Chemical constituents from *Lippia sidoides* and cytotoxic activity. *J Nat Prod.* 2001;64(6):792-795.

[2]. Cadelis MM, et al. Discovery and preliminary structure-activity relationship studies on tecomaquinone I and tectol as novel farnesyltransferase and plasmodial inhibitors. *Bioorg Med Chem.* 2016;24(14):3102-3107.

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

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