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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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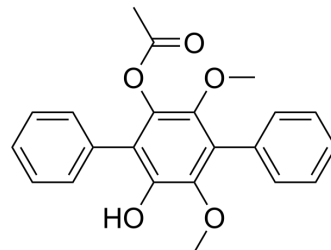
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Talaroterphenyl A

Cat. No.:	HY-163777
Molecular Formula:	C ₂₂ H ₂₀ O ₅
Molecular Weight:	364.39
Target:	Phosphodiesterase (PDE)
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Talaroterphenyl A (compound 1) is a p-terphenyl derivative present in the mangrove sediment-derived fungus <i>Talaromyces</i> sp. SCSIO 41412, which exhibits phosphodiesterase 4 (PDE4) inhibitory activity (IC ₅₀ =1.2 μM). Talaroterphenyl A also exhibits anti-inflammatory and anti-fibrotic activities, significantly reducing the mRNA levels of pro-inflammatory cytokines IL-6, TNF-α, and IL-1β ^[1] .
IC ₅₀ & Target	PDE4 1.2 μM (IC ₅₀)

REFERENCES

[1]. Cai J, et al. Discovery of Oxidized p-Terphenyls as Phosphodiesterase 4 Inhibitors from Marine-Derived Fungi[J]. *Journal of Natural Products*, 2024.

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

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