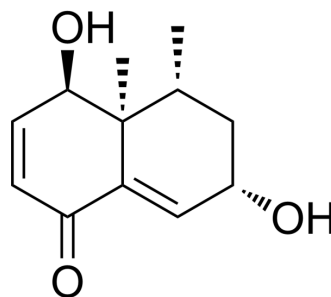


Narchinol B

Cat. No.:	HY-N8936
CAS No.:	1356822-09-7
Molecular Formula:	C ₁₂ H ₁₆ O ₃
Molecular Weight:	208.25
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Narchinol B (Compound 4) is a sesquiterpene compound. Narchinol B has anti-inflammatory effects. Narchinol B works by inhibiting proinflammatory mediators, including prostaglandin E2 (PGE2), inducible nitric oxide synthase (iNOS), and cyclooxygenase-2 (COX-2) proteins, as well as proinflammatory cytokines, such as interleukin-1b, IL-6, and tumor necrosis factor- α (TNF- α). Narchinol B significantly inhibits LPS-induced overproduction of NO in BV2 cells (IC₅₀=2.43 μ M)^[1].

REFERENCES

[1]. Yoon CS, et al. Anti-neuroinflammatory effects of sesquiterpenoids isolated from *Nardostachys jatamansi*. *Bioorg Med Chem Lett*. 2018 Jan 15;28(2):140-144.

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

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