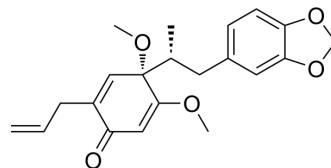


Isodihydrofutoquinol B

Cat. No.:	HY-N3489
CAS No.:	62499-71-2
Molecular Formula:	C ₂₁ H ₂₄ O ₅
Molecular Weight:	356.41
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Isodihydrofutoquinol B (compound 9), an active compound, can be isolated from the stems of *Piper kadsura* (Choisy) Ohwi. Isodihydrofutoquinol B has a neuroprotective effect on A β 25-35-induced PC12 cell damage with E₅₀ values of 3.06-29.3 μ M^[1].

REFERENCES

- [1]. Chen H, et al. Neolignans and amide alkaloids from the stems of *Piper kadsura* and their neuroprotective activity. *Phytochemistry*. 2022 Nov;203:113336.
- [2]. Prasad A K, et al. Lignans and neolignans from stems and fruits of *Piper wightii*[J]. *Tetrahedron*, 1994, 50(7): 2231-2240.

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

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