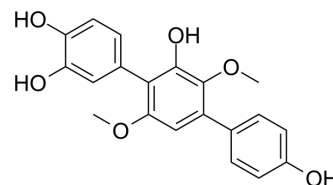


3-Hydroxyterphenyllin

Cat. No.:	HY-N10268
CAS No.:	66163-76-6
Molecular Formula:	C ₂₀ H ₁₈ O ₆
Molecular Weight:	354.35
Target:	Apoptosis
Pathway:	Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

3-Hydroxyterphenyllin is a metabolite of *Aspergillus candidus*. 3-Hydroxyterphenyllin suppresses proliferation and causes cytotoxicity against A2780/CP70 and OVCAR-3 cells. 3-Hydroxyterphenyllin induces S phase arrest and apoptosis. 3-Hydroxyterphenyllin has the potential for the research of ovarian cancer^{[1][2]}.

REFERENCES

- [1]. Kurobane I, et al. 3-Hydroxyterphenyllin, a new metabolite of *Aspergillus candidus*. Structure elucidation by H and C nuclear magnetic resonance spectroscopy. *J Antibiot (Tokyo)*. 1979;32(6):559-564.
- [2]. Wang Y, et al. 3-Hydroxyterphenyllin, a natural fungal metabolite, induces apoptosis and S phase arrest in human ovarian carcinoma cells. *Int J Oncol*. 2017;50(4):1392-1402.

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

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