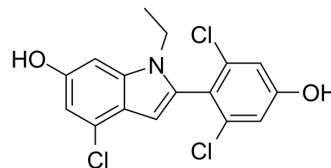


D 15413

Cat. No.:	HY-124403
CAS No.:	83364-03-8
Molecular Formula:	C ₁₆ H ₁₂ Cl ₃ NO ₂
Molecular Weight:	356.63
Target:	Estrogen Receptor/ERR
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

D 15413 is an orally active antagonist for nonsteroidal estrogen. D 15413 inhibits growth of estrogen receptor positive MCF-7 cell with an inhibition rate of 70% at 10⁻⁷ M. D 15413 exhibits antitumor efficacy against DMBA (HY-W011845) or MNU (HY-34758)-induced breast cancer^[1].

REFERENCES

[1]. von Angerer E, et al., The inhibitory effect of 4-chloro-2-(2,6-dichloro-4-hydroxyphenyl)-1-ethyl-6-hydroxyindole (D 15413) on estrogen-dependent mammary tumors. *J Cancer Res Clin Oncol.* 1985;110(3):216-20.

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

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