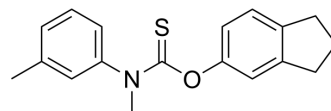


Tolindate

Cat. No.:	HY-148223
CAS No.:	27877-51-6
Molecular Formula:	C ₁₈ H ₁₉ NOS
Molecular Weight:	297.41
Target:	Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tolindate is a potent PXR agonist with an EC ₅₀ value of 8.3 μM. Tolindate shows antifungal activity ^{[1][2]} .
In Vitro	Tolindate (0-100 μM; 24 h) with the presence of SPA70 (0.5, 7.5 μM) shows significantly induces CYP3A4 in hPXR HepG2 cells ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Lynch C, et al. Characterization of human pregnane X receptor activators identified from a screening of the Tox21 compound library. *Biochem Pharmacol.* 2021 Feb;184:114368.

[2]. Pastor L, et al. New antifungals selected by molecular topology. *Bioorg Med Chem Lett.* 1998 Sep 22;8(18):2577-82.

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

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