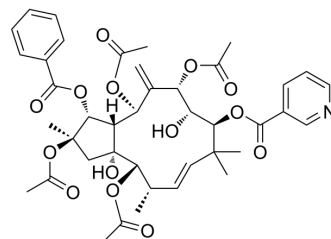


Jatrophane 5

Cat. No.:	HY-N7305
CAS No.:	210108-89-7
Molecular Formula:	C ₄₁ H ₄₉ NO ₁₄
Molecular Weight:	779.83
Target:	P-glycoprotein
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Jatrophane 5 is a natural product of *Jatropha carcas* L. Jatrophane 5 has powerful inhibition of P-gp, higher than R(+)-verapamil (HY-14275) and Tariquidar (HY-10550) in colorectal multi-drug resistant cells (DLD1-TxR)^[1].

REFERENCES

[1]. Jadranin M, et al. Jatrophane diterpenoids from the latex of *Euphorbia dendroides* and their anti-P-glycoprotein activity in human multi-drug resistant cancer cell lines. *Phytochemistry*. 2013;86:208-217.

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

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