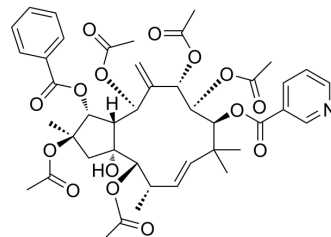


Pepluanin A

Cat. No.:	HY-N7332
CAS No.:	670257-89-3
Molecular Formula:	C ₄₃ H ₅₁ NO ₁₅
Molecular Weight:	821.86
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	Pepluanin A is a natural compound isolated from <i>Euphorbia peplus</i> L. Pepluanin A shows a very high activity for a jatrophone diterpene, outperforming Cyclosporin A by a factor of at least 2 in the inhibition of Pgp-mediated Daunomycin (HY-13062A) transport ^[1]
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REFERENCES

[1]. Corea G, et al. Jatrophone diterpenes as modulators of multidrug resistance. Advances of structure-activity relationships and discovery of the potent lead pepluanin A. *J Med Chem.* 2004;47(4):988-992.

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

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