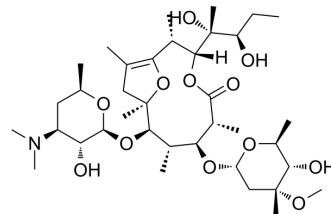


Pseudoerythromycin A enol ether

Cat. No.:	HY-112057
CAS No.:	105882-69-7
Molecular Formula:	C ₃₇ H ₆₅ NO ₁₂
Molecular Weight:	715.91
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Pseudoerythromycin A enol ether (LY267108) is a degradation product of Erythromycin. Pseudoerythromycin A enol ether has no significant antimicrobial activity ^{[1][2]} .
In Vivo	Pseudoerythromycin A enol ether (LY267108) increases lower esophageal sphincter (LES) pressure in cats ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Pendela M, et al. Combined use of liquid chromatography with mass spectrometry and nuclear magnetic resonance for the identification of degradation compounds in an erythromycin formulation. *Anal Bioanal Chem.* 2012;402(2):781-790.
- [2]. Greenwood B, et al. Effects of LY267108, an erythromycin analogue derivative, on lower esophageal sphincter function in the cat. *Gastroenterology.* 1994;106(3):624-628.

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

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