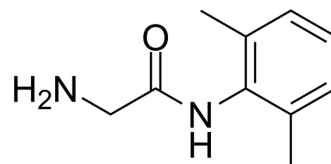


Glycinexylidide

Cat. No.:	HY-W357818
CAS No.:	18865-38-8
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O
Molecular Weight:	178.23
Target:	Sodium Channel; ERK; MEK; NF-κB
Pathway:	Membrane Transporter/Ion Channel; MAPK/ERK Pathway; Stem Cell/Wnt; NF-κB
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Glycinexylidide (GX) is the active metabolite of Lidocaine. Lidocaine is a local anesthetic that inhibits sodium channels involving complex voltage and dependence. Lidocaine also reduces the growth, migration and invasion of gastric cancer cells. Glycinexylidide has research potential for use in anesthesia, cancer, and cardiovascular disease^[1].

REFERENCES

[1]. Strong JM, et al. Pharmacological activity, metabolism, and pharmacokinetics of glycinexylidide. Clin Pharmacol Ther. 1975 Feb;17(2):184-94.

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

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