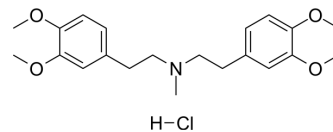


YS 035 hydrochloride

Cat. No.:	HY-100928
CAS No.:	89805-39-0
Molecular Formula:	C ₂₁ H ₃₀ ClNO ₄
Molecular Weight:	395.92
Target:	Calcium Channel
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

YS 035 hydrochloride is a Ca²⁺ antagonist on cellular uptake and mitochondrial efflux of calcium ions. YS 035 hydrochloride inhibits Ca²⁺ uptake by muscle cells and inhibits Na⁺/Ca²⁺ exchange (K_i=28 μM). YS 035 hydrochloride is a useful tool for research on the mitochondrial Ca²⁺ transport^[1].

REFERENCES

[1]. R Deana, et al. Properties of a new calcium ion antagonist on cellular uptake and mitochondrial efflux of calcium ions. *Biochem J.* 1984 Mar 15;218(3):899-905.

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

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