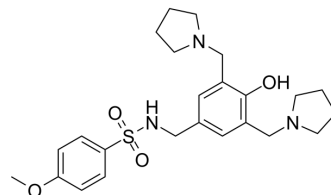


Sulcardine

Cat. No.:	HY-156976
CAS No.:	343935-60-4
Molecular Formula:	C ₂₄ H ₃₃ N ₃ O ₄ S
Molecular Weight:	459.6
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	Sulcardine is a multi-ion channel blocker that can reduce I _{Na} and I _{Ca} with IC ₅₀ values of 26.9 μmol/L and 69.2 μmol/L, respectively. Sulcardine has anti-arrhythmic effects ^[1] .
IC ₅₀ & Target	IC ₅₀ : 26.9 μmol/L (I _{Na}) ^[1] . IC ₅₀ : 69.2 μmol/L (I _{Ca}) ^[1] .

REFERENCES

[1]. BaiDL, et al. Discovery of N-(3,5-bis(1-pyrrolidylmethyl)-4-hydroxybenzyl)-4-methoxybenzenesulfamide (sulcardine) as a novel anti-arrhythmic agent. Acta Pharmacol Sin. 2012 Sep; 33(9):1176-86.

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

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