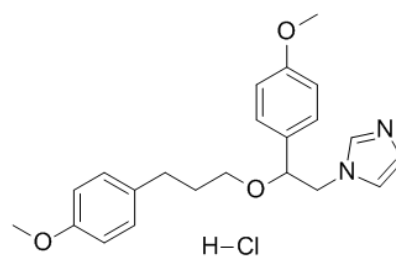


Product Name : SKF-96365 hydrochloride
Cat. No. : PC-42017
CAS No. : 130495-35-1
Molecular Formula : C₂₂H₂₇ClN₂O₃
Molecular Weight : 402.9144
Target : TRP Channel
Solubility : DMSO: ≥ 30 mg/mL



Biological Activity

SKF-96365 hydrochloride (SKF96365) is potent inhibitor of **receptor-mediated calcium entry (RMCE)** with IC₅₀ of 8.5 and 11.7 μM for inhibition in platelets stimulated with ADP and thrombin, respectively.

SKF-96365 shows selectivity in blocking RMCE compared with receptor-mediated internal Ca²⁺ release.

SKF-96365 inhibits Store-operated Ca²⁺ entry (**SOCE**) and Icrac in the 20-30 μM range in several cell lines, and inhibits STIM1-mediated Ca²⁺ influx and the nuclear translocation and activation of the NFAT transcription factor in cells expressing STIM1.

SKF-96365 also blocks **TRPC**, voltage gated Ca²⁺ channel (human Cav3.1 IC₅₀= 560 nM), potassium channels.

References

Merritt JE, et al. *Biochem J*. 1990 Oct 15;271(2):515-22.

Singh A, et al. *Br J Pharmacol*. 2010 Jul;160(6):1464-75.

Várnai P, et al. *Trends Pharmacol Sci*. 2009 Mar;30(3):118-28.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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