



Product Information

TRP channel inhibitor SKF-96365 hydrochloride, Purity ≥98%

Cat. No.: X24-07-ZQ504

Size: 5 mg; 10 mg; 50 mg; 100 mg

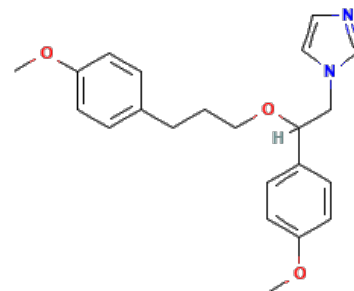
MDL: MFCD00236407

CAS Number: 130495-35-1

Compound CID: 104955

Synonym: 130495-35-1; TRP channel inhibitor; SKF96365; SKF 96365

This product is for research use only and is not intended for diagnostic use.



Cl-H

Product Information

Description	SKF-96365 hydrochloride, soluble in DMSO, water and ethanol, modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	402.91
Molecular Formula	C ₂₂ H ₂₇ ClN ₂ O ₃
IUPAC Name	1-[2-(4-Methoxyphenyl)-2-[3-(4-methoxyphenyl)propoxy]ethyl]imidazole;hydrochloride
InChI	InChI=1S/C22H26N2O3.ClH/c1-25-20-9-5-18(6-10-20)4-3-15-27-22(16-24-14-13-23-17-24)19-7-11-21(26-2)12-8-19;/h5-14,17,22H,3-4,15-16H2,1-2H3;1H
InChI Key	FWLPKVQUECFKSW-UHFFFAOYSA-N
Canonical SMILES	<chem>COC1=CC=C(C=C1)CCCOC(CN2C=CN=C2)C3=CC=C(C=C3)OC.Cl</chem>
Form	Lyophilized powder
Purity	≥98%
Solubility	DMSO: 70 mg/mL (173.73 mM); Water: 70 mg/mL (173.73 mM); Ethanol: 70 mg/mL (173.73 mM)
Identity	Confirmed by NMR/HPLC/MS.
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Quality Level	Research grade
Applications	SKF-96365 hydrochloride is a TRP channel inhibitor used in research on calcium influx pathways and related diseases.
Storage	Store at -20°C, and keep desiccated.



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