



Product Information

TRP channel inhibitor JT010, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ573

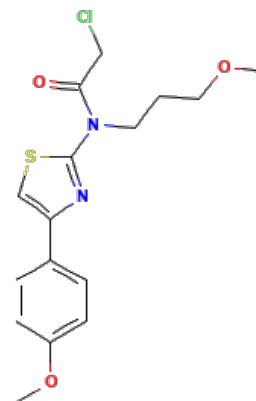
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 917562-33-5

Compound CID: 18524489

Synonym: 917562-33-5; TRP channel inhibitor; JT 010; JT-010

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



Product Information

Description	JT010 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	354.85
Molecular Formula	C ₁₆ H ₁₉ ClN ₂ O ₃ S
IUPAC Name	2-Chloro-N-[4-(4-methoxyphenyl)-1,3-thiazol-2-yl]-N-(3-methoxypropyl)acetamide
InChI	InChI=1S/C16H19ClN2O3S/c1-21-9-3-8-19(15(20)10-17)16-18-14(11-23-16)12-4-6-13(22-2)7-5-12/h4-7,11H,3,8-10H2,1-2H3
InChI Key	KZMAWJR XKGLWGS-UHFFFAOYSA-N
Canonical SMILES	COCCCN(C1=NC(=CS1)C2=CC=C(C=C2)OC)C(=O)CCl
Form	Lyophilized powder
Purity	$\geq 98\%$
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	JT010 is employed to study and inhibit TRP channels involved in pain and mechanosensation.
Storage	Store at -20°C, and keep desiccated.