



Product Information

TRP channel inhibitor WS 3, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ513

Size: 100 mg; 500 mg

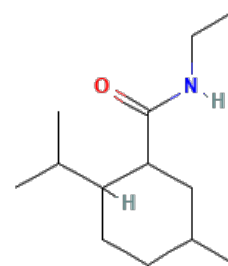
MDL: MFCD00130071

CAS Number: 39711-79-0

Compound CID: 62907

Synonym: 39711-79-0; TRP channel inhibitor; WS3; WS-3

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



Product Information

Description	WS 3, soluble in DMSO and ethanol and insoluble in water, modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	211.34
Molecular Formula	C ₁₃ H ₂₅ NO
IUPAC Name	N-ethyl-5-methyl-2-propan-2-ylcyclohexane-1-carboxamide
InChI	InChI=1S/C13H25NO/c1-5-14-13(15)12-8-10(4)6-7-11(12)9(2)3/h9-12H,5-8H2,1-4H3,(H,14,15)
InChI Key	VUNOFAIHSALQQH-UHFFFAOYSA-N
Canonical SMILES	CCNC(=O)C1CC(CCC1C(C)C)C
Form	Lyophilized powder
Purity	$\geq 98\%$
Solubility	DMSO: 36 mg/mL (170.34 mM); Water: Insoluble; Ethanol: 36 mg/mL
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	WS 3 is a TRP channel inhibitor applied to research on pain modulation and sensory nerve signaling.
Storage	Store at -20°C, and keep desiccated.