



Product Information

TRP channel inhibitor TC-I 2000, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ690

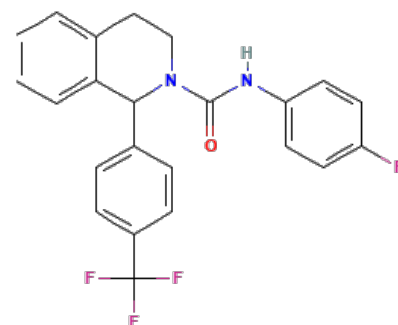
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1159996-20-9

Compound CID: 57326210

Synonym: 1159996-20-9; TRP channel inhibitor

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



Product Information

Description	TC-I 2000 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	414.4
Molecular Formula	C ₂₃ H ₁₈ F ₄ N ₂ O
IUPAC Name	<i>N</i> -(4-fluorophenyl)-1-[4-(trifluoromethyl)phenyl]-3,4-dihydro-1 <i>H</i> -isoquinoline-2-carboxamide
InChI	InChI=1S/C23H18F4N2O/c24-18-9-11-19(12-10-18)28-22(30)29-14-13-15-3-1-2-4-20(15)21(29)16-5-7-17(8-6-16)23(25,26)27/h1-12,21H,13-14H2,(H,28,30)
InChI Key	ADCDUDFEGFKKQH-UHFFFAOYSA-N
Canonical SMILES	C1CN(C(C2=CC=CC=C21)C3=CC=C(C=C3)C(F)(F)F)C(=O)NC4=CC=C(C=C4)F
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	TC-I 2000 is a TRP channel inhibitor valuable in the study of sensory neuron activation and the pathways involved in nociception and pain sensing.
Storage	Store at -20°C, and keep desiccated.