



Product Information

TRP channel inhibitor Pico145, Purity ≥98%

Cat. No.: X24-07-ZQ388

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

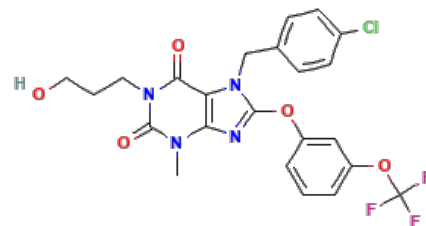
CAS Number: 1628287-16-0

Compound CID: 85473438

Synonym: 1628287-16-0; TRP channel inhibitor; HC-608; HC608; HC 608; Pico-145;

Pico 145

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



Product Information

Description	Pico145 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	524.88
Molecular Formula	C ₂₃ H ₂₀ ClF ₃ N ₄ O ₅
IUPAC Name	7-[(4-Chlorophenyl)methyl]-1-(3-hydroxypropyl)-3-methyl-8-[3-(trifluoromethoxy)phenoxy]purine-2,6-dione
InChI	InChI=1S/C23H20ClF3N4O5/c1-29-19-18(20(33)30(22(29)34)10-3-11-32)31(13-14-6-8-15(24)9-7-14)21(28-19)35-16-4-2-5-17(12-16)36-23(25,26)27/h2,4-9,12,32H,3,10-11,13H2,1H3
InChI Key	PRJHEJGMSOBHTO-UHFFFAOYSA-N
Canonical SMILES	CN1C2=C(C(=O)N(C1=O)CCCO)N(C(=N2)OC3=CC(=CC=C3)OC(F)(F)F)CC4=CC=C(C=C4)Cl
Form	Lyophilized powder
Purity	≥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	Pico145 is utilized to inhibit TRP channels, exploring their role in cellular sensation and signaling pathways.
Storage	Store at -20°C, and keep desiccated.