



Product Information

TRP channel inhibitor HC-070, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ576

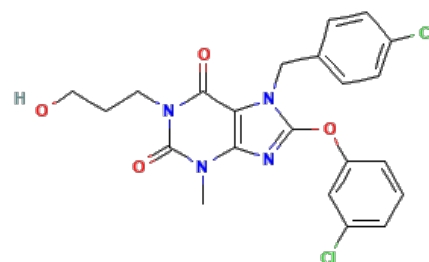
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1628291-95-1

Compound CID: 85473309

Synonym: 1628291-95-1; TRP channel inhibitor; HC070; HC 070

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



Product Information

Description	HC-070 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	475.32
Molecular Formula	C ₂₂ H ₂₀ Cl ₂ N ₄ O ₄
IUPAC Name	8-(3-Chlorophenoxy)-7-[(4-chlorophenyl)methyl]-1-(3-hydroxypropyl)-3-methylpurine-2,6-dione
InChI	InChI=1S/C22H20Cl2N4O4/c1-26-19-18(20(30)27(22(26)31)10-3-11-29)28(13-14-6-8-15(23)9-7-14)21(25-19)32-17-5-2-4-16(24)12-17/h2,4-9,12,29H,3,10-11,13H2,1H3
InChI Key	VYJPVPHNGWEIBT-UHFFFAOYSA-N
Canonical SMILES	CN1C2=C(C(=O)N(C1=O)CCCO)N(C(=N2)OC3=CC(=CC=C3)Cl)CC4=CC=C(C(=C4)Cl)
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	HC-070 is used in research targeting TRP channels that contribute to sensory perception and physiological regulation.
Storage	Store at -20°C, and keep desiccated.