



Product Information

TRP channel inhibitor AM 0902, Purity $\geq 98\%$

Cat. No.: X24-07-ZQ510

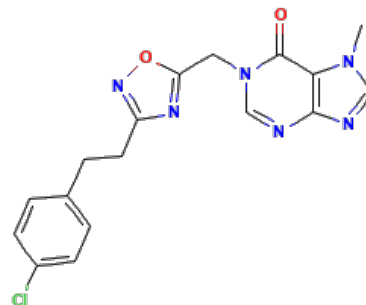
Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1883711-97-4

Compound CID: 73297271

Synonym: 1883711-97-4; TRP channel inhibitor; AM-0902; AM0902

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



Product Information

Description	AM 0902 modulates the function of TRP channels, which are crucial for various physiological processes including sensation and thermoregulation.
Molecular Weight	370.79
Molecular Formula	C ₁₇ H ₁₅ ClN ₆ O ₂
IUPAC Name	1-[[3-[2-(4-chlorophenyl)ethyl]-1,2,4-oxadiazol-5-yl]methyl]-7-methylpurin-6-one
InChI	InChI=1S/C17H15ClN6O2/c1-23-9-19-16-15(23)17(25)24(10-20-16)8-14-21-13(22-26-14)7-4-11-2-5-12(18)6-3-11/h2-3,5-6,9-10H,4,7-8H2,1H3
InChI Key	AWJBWNUUDWOKQ-UHFFFAOYSA-N
Canonical SMILES	CN1C=NC2=C1C(=O)N(C=N2)CC3=NC(=NO3)CCC4=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	AM 0902 is a TRP channel inhibitor studied for its potential effects on pain perception and sensory neuron pathways.
Storage	Store at -20°C, and keep desiccated.