



Product Information

Palosuran

Cat. No.: X23-12-YM757

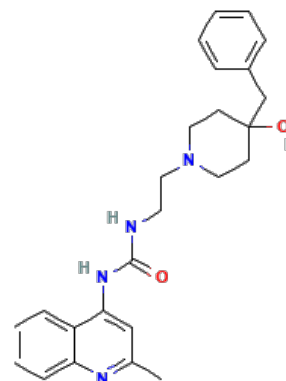
Size: 5 mg; 10 mg; 25 mg; 50 mg

CAS Number: 540769-28-6

Compound CID: 10173280

Synonym: 540769-28-6; ACT-058362; ACT058362; ACT 058362

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



Product Information

Description	Palosuran inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins.
Molecular Weight	418.53
Molecular Formula	C ₂₅ H ₃₀ N ₄ O ₂
IUPAC Name	1-[2-(4-Benzyl-4-hydroxypiperidin-1-yl)ethyl]-3-(2-methylquinolin-4-yl)urea
InChI	InChI=1S/C25H30N4O2/c1-19-17-23(21-9-5-6-10-22(21)27-19)28-24(30)26-13-16-29-14-11-25(31,12-15-29)18-20-7-3-2-4-8-20/h2-10,17,31H,11-16,18H2,1H3,(H2,26,27,28,30)
InChI Key	WYJCYXOCHXWTHG-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=CC=CC=C2C(=C1)NC(=O)NCCN3CCCC(CC3)(CC4=CC=CC=C4)O
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	Palosuran can be used for its ability to impact urine excretion and the regulation of urine concentration.
Storage	Store at -20°C, and keep desiccated.