



Product Information

H4 receptor antagonist 1

Cat. No.: X23-12-YM1166

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

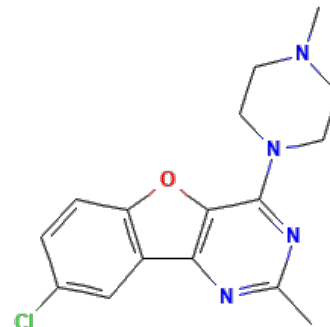
CAS Number: 848217-00-5

Compound CID: 3934857

Synonym: 848217-00-5;

8-Chloro-2-methyl-4-(4-methylpiperazin-1-yl)-[1]benzofuro[3,2-d]pyrimidine

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



Product Information

Description	H4 Receptor antagonist 1 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets H4 receptor.
Molecular Weight	316.79
Molecular Formula	C ₁₆ H ₁₇ ClN ₄ O
Targets	H4 receptor: 19 nM
IUPAC Name	8-Chloro-2-methyl-4-(4-methylpiperazin-1-yl)-[1]benzofuro[3,2-d]pyrimidine
InChI	InChI=1S/C16H17ClN4O/c1-10-18-14-12-9-11(17)3-4-13(12)22-15(14)16(19-10)21-7-5-20(2)6-8-21/h3-4,9H,5-8H2,1-2H3
InChI Key	GUJLUPNSRRNJKP-UHFFFAOYSA-N
Canonical SMILES	CC1=NC2=C(C(=N1)N3CCN(CC3)C)OC4=C2C=C(C=C4)Cl
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	H4 receptor antagonist 1 can be used for its ability to modulate immune responses and inflammatory processes.
Storage	Store at -20°C, and keep desiccated.