

Product Information

CGS-15943

Cat. No.: X23-12-YM890

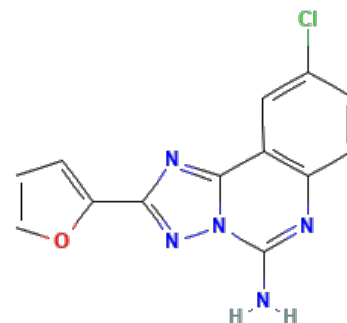
Size: 25 mg; 50 mg; 100 mg; 500 mg

CAS Number: 104615-18-1

Compound CID: 2690

Synonym: 104615-18-1; CGS 15943; CGS15943

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



Product Information

Description	CGS-15943 inhibits the signaling pathway between G-protein-coupled receptors (GPCRs) and G proteins. It targets adenosine A1 receptor, adenosine A2A receptor, adenosine A2B receptor, adenosine A3 receptor, p110δ, and p110γ.
Molecular Weight	285.69
Molecular Formula	C ₁₃ H ₈ ClN ₅ O
Targets	Adenosine A1 receptor: 3.5 nM; Adenosine A2A receptor: 4.2 nM; Adenosine A2B receptor: 16 nM; Adenosine A3 receptor: 50 nM; p110δ: 8.47 μM; p110γ: 1.1 μM
IUPAC Name	9-Chloro-2-(furan-2-yl)-[1,2,4]triazolo[1,5-c]quinazolin-5-amine
Canonical SMILES	C1=COC(=C1)C2=NN3C(=N2)C4=C(C=CC(=C4)Cl)N=C3N
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	CGS-15943 can be used for research on the role of adenosine receptors in various physiological and pathological processes in the central nervous system.
Storage	Store at -20°C, and keep desiccated.