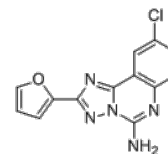


Product Name : CGS-15943
Cat. No. : PC-38488
CAS No. : 104615-18-1
Molecular Formula : C₁₃H₈ClN₅O
Molecular Weight : 285.69
Target : Adenosine Receptor
Solubility : 10 mM in DMSO



Biological Activity

CGS-15943 is a potent, non-xanthine **adenosine receptor** antagonist with K_i values of 3.5, 4.2, 16 and 51 nM for human A₁, A_{2A}, A_{2B} and A₃ receptors respectively.

CGS 15943 also inhibits the kinase activity of the class IB PI3K isoform p110 γ with an IC₅₀ of 1.1 μ M and shows slight inhibition on p110 δ with an IC₅₀ of 8.47 μ M.

CGS 15943 inhibits growth of HLF and SK-Hep-1 cells, as well as HepG2 and PLC-PRF-5 cells.

CGS 15943 reduces the phosphorylation of Akt at its residues Ser473 and Thr308 in SK-Hep-1 cells.

References

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Caution: Product has not been fully validated for medical applications. Lab Use Only!

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