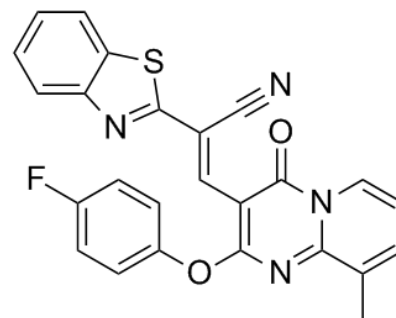


Product Name : CCG-63808
Cat. No. : PC-45956
CAS No. : 620113-73-7
Molecular Formula : C₂₅H₁₅FN₄O₂S
Molecular Weight : 454.4756
Target : Regulators of G protein signaling (RGS)
Solubility : 10 mM in DMSO



Biological Activity

CCG-63808 is a reversible, allosteric inhibitor of regulator of G-protein signaling (**RGS**) proteins with a potency order of RGS4 > RGS16 > RGS8 > RGS7.

CCG-63808 inhibits the Gαo-RGS4 interaction with IC₅₀ of 1.9 μM, does not inhibit Gα binding to RGS7, 2- to 10-fold more potent at RGS4 than on the other closely related R4 family members, RGS8 and RGS16.

References

Blazer LL, et al. *Mol Pharmacol*. 2010 Sep;78(3):524-33.

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

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