

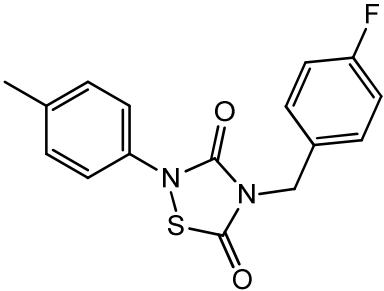
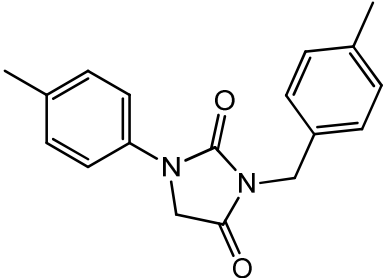
## A nanomolar-potency small molecule inhibitor of Regulator of G protein

### Signaling (RGS) proteins

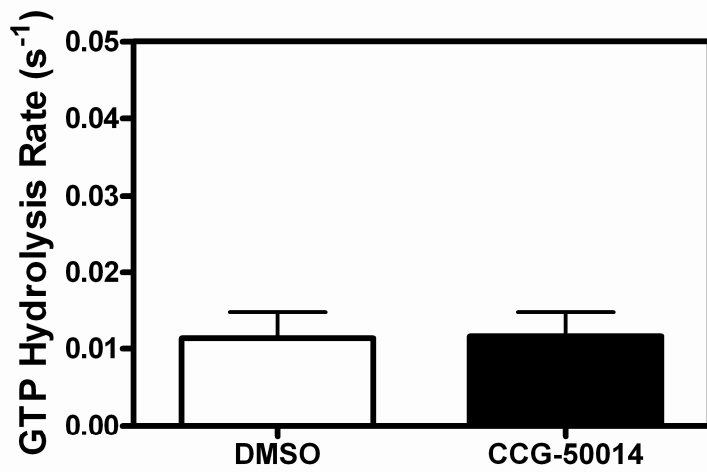
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#### Supporting Information:

Compound ID	Structure	RGS4 IC <sub>50</sub> (μM)	RGS8 IC <sub>50</sub> (μM)
CCG-50014		0.030	11
CCG-203778		>100	>100

**Table S1.** CCG-50014 and a related analog with limited reactivity. Data are presented as the mean of at least two independent FCPIA experiments.



**Figure S1.** CCG-50014 does not affect the intrinsic rate of GTP hydrolysis by  $G\alpha_o$ . The rate of GTP hydrolysis as measured using the single turnover GTPase assay was not significantly different in the absence or presence of 100  $\mu$ M CCG-50014. Data are presented as mean $\pm$ SEM of four independent experiments.