Supporting Information

Characterization of the Anxiolytic Activity of Nunavik *Rhodiola rosea*

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Supplementary figures

**Figure 1S** Performance of rats in the adult social interaction test following acute administration of *Rhodiola rosea* (abbreviated as RR) (8, 25, 75 mg/kg). A) Time (±SEM) spent in social interaction (n = 10 for vehicle, n = 7 for 8 mg/kg RR, n = 10 for 25 mg/kg RR, n = 8 for 75 mg/kg RR; one–way ANOVA, post hoc Dunnett’s test, ** p < 0.01 compared to vehicle). B) Total squares crossed (±SEM) (n = 10 for vehicle, n = 7 for 8 mg/kg RR, n = 10 for 25 mg/kg RR, n = 8 for 75 mg/kg RR; one–way ANOVA).

**Figure 2S** Dose-response curve of percent binding activity (± SD) of [³H]-flunitrazepam by *R. rosea* extract at 1 mg/mL, 0.1 mg/mL, and 0.03 mg/mL. Linear regression analysis was performed to determine IC₅₀ values (± 95 % CI) as 0.95 mg/mL (0.53, 2.43). Assays were performed in duplicate, with n = 3–4 for each sample per experiment.
Figure 1S
Figure 2S