

Supplementary Materials: Beneficial Effects of *Trillium govonianum* Rhizomes in Pain and Inflammation

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Table S1. Antinociceptive effect of *T. govonianum* rhizome MeOH-ext and its fractions in tonic-visceral chemically-induced nociception.

Sample	Dose (mg/kg)	Number of Writhes
Saline	10 mL/kg	29.50 ± 2.50
Diclofenac	50	4.50 ± 2.50 ***
n-Hex-fr	50	7.50 ± 4.50 **
	100	5.50 ± 3.50 ***
CHL-fr	50	8.00 ± 1.00 **
	100	14.50 ± 1.50 *
EtOAc-fr	50	10.50 ± 3.50 **
	100	7.00 ± 4.00 **
BuOH-fr	50	5.00 ± 4.00 ***
	100	12.50 ± 4.50 *
Aq-fr	50	6.50 ± 3.50 ***
	100	4.00 ± 1.00 ***
MeOH-Ext	50	6.50 ± 1.50 ***
	100	7.50 ± 0.50 **

Values expressed as mean ± SEM. ANOVA followed by Dunnett's post hoc test. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ compared to saline treated group, $n = 6$ mice per group.

Table S2. Antinociceptive effect of MeOH-ext of *T. govonianum* rhizome and its fractions in thermal induced nociception.

Sample	Dose (mg/kg)	30 min	60 min	90 min	120 min
Saline	10 mL/kg	13.30 ± 0.40	13.35 ± 0.55	13.00 ± 1.00	13.65 ± 0.35
Tramadol	30	29.00 ± 1.00 ***	28.30 ± 1.70 ***	28.40 ± 1.40 *	26.00 ± 1.00 **
Hex-fr	50	23.40 ± 0.70 *	25.60 ± 2.30 **	29.00 ± 1.00 **	26.40 ± 2.10 **
	100	25.35 ± 0.85 **	25.85 ± 1.05 ***	29.75 ± 0.25 **	25.35 ± 1.65 **
Chl-fr	50	17.25 ± 1.55	21.40 ± 1.40 *	22.65 ± 2.05 *	20.35 ± 0.45 *
	100	20.35 ± 2.15 *	19.30 ± 0.10	16.90 ± 2.80	19.05 ± 1.95
EtOAc-fr	50	17.55 ± 0.95	24.35 ± 2.65 **	24.25 ± 1.15 *	23.90 ± 3.30 *
	100	22.20 ± 0.10 *	23.05 ± 0.95 **	23.75 ± 0.65 *	25.60 ± 2.50 **
BuOH-fr	50	13.75 ± 1.95	18.15 ± 0.65	18.25 ± 4.45	18.25 ± 0.05
	100	27.50 ± 1.30 **	23.45 ± 0.55 **	25.80 ± 4.20 *	25.45 ± 2.55 **
Aq-fr	50	24.60 ± 3.20 **	25.60 ± 2.80 **	23.65 ± 0.65 *	25.00 ± 0.10 **
	100	24.80 ± 2.00 **	27.10 ± 2.90 ***	25.80 ± 1.40 *	24.25 ± 1.35 **
MeOH-Ext	50	18.75 ± 3.95 *	23.90 ± 0.10 **	18.45 ± 0.55	16.75 ± 1.05
	100	21.35 ± 2.55 *	25.20 ± 1.20 **	26.60 ± 3.40 **	22.90 ± 2.70 *

Values expressed as mean ± SEM. ANOVA followed by Dunnett's post hoc test. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$ compared to saline treated group, $n = 6$.