In vitro Anti-inflammatory Effect of *Carthamus lanatus* L.

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The anti-inflammatory activity of four total extracts, their fractions and two main constituents (\(\alpha\)-bisabolol \(\beta\)-d-fucopyranoside and luteolin 7-O-glucoside) of *Carthamus lanatus* L. aerial parts, were assessed \textit{in vitro} by determining the inhibitory effects on induced human neutrophils. The dichloromethane extract and its water-alcoholic part exhibited the most significant inhibitory effects.

Key words: *Carthamus lanatus*, Anti-inflammatory Activity, Neutrophils