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Anti-anxiety effect of aqueous and ethanolic extracts of Salvia leriifolia Benth. leaves in mice using elevated plus maze

Hosseinzadeh, H.^{ad}, Danaee, A.^b, Ziaee, T.^c

- ^a Pharmaceutical Research Center, School of Pharmacy, **Mashhad University** of **Medical Sciences**, **Mashhad**, Iran ^b Faculty of Veterinary, Ferdowsi **University**, **Mashhad**, Iran
- ^c School of Pharmacy, Mashhad University of Medical Sciences, Mashhad, Iran

^d Pharmaceutical Research Center, Faculty of Pharmacy, **Mashhad University** of **Medical Sciences**, P.O.Box: 1710-11770, **Mashhad**, Iran

View references (ξ)

Abstract

Background: Salvia leriifolia (Lamiaœae) is indigenous to the east of Iran and some part of Afghanestan. It has many pharmacological effects such as antinociceptive, anti-inflammatory, anti-ischemic, anti-hyperglycemic, hypnotic, muscle relexant, anti-peptic ulær and anticonvulsant effects. Objective: In this research, the antianxiety effects of aqueous and ethanolic extracts of S. leriifolia Benth. leaves were studied using elevated plus maze. Method: Nine groups of male mice were used, each of which contained $V_1 \cdot$ animals. Half an hour before anti-anxiety test, the aqueous or ethanolic extracts ($1 \cdot \cdot, 1 \cdot \cdot, 1$

Reaxys Database Information

Author keywords

Anti-anxiety; Elevated plus maze; Locomotion activity; Motor balance; Salvia leriifolia Benth. leaf

Indexed Keywords

EMTREE drug terms: an xiolytic agent; diazepam; plant extract; polysorbate A+; salvia leriifolia extract; sodium chloride; unclassified drug

EMTREE medical terms: animal experiment; article; controlled study; locomotion; male; maze test; medicinal plant; motor activity; motor coordination; mouse; nonhuman; open field test; plant leaf; rotarod test; salvia leriifolia

Species Index: Animalia; Lamiaceae; Mus; Salvia leriifolia

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Chemicals and CAS Registry Numbers: diazepam, \sharp rq - 1 \xi - \circ; polysorbate \land \cdot, \land \cdot \circ \cdot - \land r - \lor, q \cdot \cdot \circ - \neg \circ - \neg; sodium chloride, \forall \neg \xi \lor - 1 \xi - \circ
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