

Free ebook Anti inflammatory activity of cyathula prostrata (Download Only)

modern pharmacological studies are mostly focused on the activities of polysaccharides from *C. officinalis* kuan for example the polysaccharides of *C. officinalis* kuan have been reported to possess immune enhancement activity by upregulating humoral and cellular immune responses the roots of *Cyathula officinalis* kuan chuan niu xi in Chinese *C. officinalis* kuan have been included in the pharmacopeia of the People's Republic of China due to its various pharmacological activities including analgesic immunostimulant antitumor anti-inflammatory antiaging removing blood stasis restoring menstrual flow *Cyathulae radix* cr also known as chuanniux is a well-known traditional Chinese herbal medicine that has been used in China for thousands of years the present work reviewed advances in traditional uses origin chemical constituents pharmacology pharmacokinetics and toxicity studies of cr in this study we explored the therapeutic potential of *Cyathula officinalis* cnx in knee osteoarthritis KOA treatment utilizing network pharmacology and in vitro experiments we identified active ingredients action targets and pathways in cnx *Cyathula prostrata* l blume which belongs to the Amaranthaceae family is commonly known as pasture weed pigweed and small prickly chaff flower and found growing in forests plantations waste areas and roadsides the results suggest that the methanolic extract of *Cyathula prostrata* possesses anti-inflammatory and analgesic activities and this authenticates the use of the plant in the traditional treatment of ailments associated with inflammation and pain results CO and ACO significantly reduced whole blood viscosity plasma viscosity and levels of IL-6 NO TNF- α and COX-2 in vivo forty compounds were identified from ACO mainly as phytoecdysteroids and saponins objective to evaluate the improving blood rheology and anti-inflammatory properties of *C. officinalis* kuan extract CO and its active fraction ACO on acute blood stasis model Wistar rats and characterize the correlative constituents the methanolic extract of *Cyathula prostrata* was found to possess anti-inflammatory activity mediated by the inhibition of the lipoxygenase pathway and by inhibiting the release and/or action of histamine serotonin and kinin the extract also showed peripheral analgesic activity but no antioxidant activity further studies found that cyathsterone a present concentration dependent suppression of the protein expression of iNOS and COX-2 in LPS stimulated RAW 264.7 cells in vitro and exerted anti-inflammatory activity via the NF- κ B signalling pathway *Cyathula prostrata* is an herbal recipe used in traditional medicine for the treatment of chest troubles dysentery diarrhea crawl crawl scabies rheumatism inflammations and tumours amongst the results suggest that the methanolic extract of *Cyathula prostrata* possesses anti-inflammatory and analgesic activities and this authenticates the use of the plant in the traditional treatment of ailments associated with inflammation and pain a Graminane type fructan COPS3 has been isolated from the roots of *Cyathula officinalis* *Cyathula* root or radix *Cyathula* and

exhibits anti tumor activity chen and tian 2003 several medicinal mushrooms have been identified as source of anti tumor and immunomodulating polysaccharides wasser 2002 and have been designated as biological abstract cyathula prostrata linn blume herbs are commonly used for the treatment of inflammatory and pain in nigeria the objective of the present study was to assess the antitumor and antioxidant activity of cyathula prostrata linn blume in mice model the treatment of dalton s lymphoma ascites cells induced tumor by the methanolic extract antiinflammatory analgesic and antipyretic activities and toxicity of different extracts of afrormosia laxiflora benth ex bak harms leaves cyathula prostrata l blume whole plant and ficus glomerata roxb b k whole plant were evaluated in pharmacological tests using rats and mice compound 1 exerted anti inflammatory activity via the nf kb signalling pathway abstract six undescribed compounds including four undescribed ecdysteroids cyathsterones a d and two undescribed phenolic glycosides cyathglucosides a b were isolated from the roots of cyathula officinalis kuan cyathula cyathula is a genus of herb in the family amaranthaceae they have capsule fruit individuals can grow to 1 8 m eol has data for 11 attributes including is eaten by gorilla beringei matschie 1903 eastern gorilla host of wilsoniana bliti cellularity multicellular fruit type capsule fruit geographic distribution includes a fructan named cops3 was isolated from cyathula officinalis kuan the structure of cops3 was determined by methylation by the reductive cleavage method combined with gc ms analysis and both 1d and 2d 1h and 13c nmr spectroscopy objectives the crude extract fractions and two previously isolated compounds hoo 1 and hoo 2 from the plant were to be screened for anti inflammatory activities with the aim of confirming or disproving its uses such as wound healing treating skin ulcers and rheumatism amongst many others in this study the effects of phosphorylation of radix cyathula officinalis polysaccharide rcps on its immunological properties were evaluated using broiler chickens immunized with newcastle disease vaccine ndv

therapeutic effects of cyathula officinalis kuan and its active May 19 2024 modern pharmacological studies are mostly focused on the activities of polysaccharides from c officinalis kuan for example the polysaccharides of c officinalis kuan have been reported to possess immune enhancement activity by upregulating humoral and cellular immune responses

characterization and antioxidant activities of the Apr 18 2024 the roots of cyathula officinalis kuan chuan niu xi in chinese c officinalis kuan have been included in the pharmacopeia of the people s republic of china due to its various pharmacological activities including analgesic immunostimulant antitumor anti inflammatory antiaging removing blood stasis restoring menstrual flow

review of traditional uses botany chemistry pharmacology Mar 17 2024 cyathulae radix cr also known as chuanniux is a well known traditional chinese herbal medicine that has been used in china for thousands of years the present work reviewed advances in traditional uses origin chemical constituents pharmacology pharmacokinetics and toxicity studies of cr

elucidating cyathula officinalis mechanism in osteoarthritis Feb 16 2024 in this study we explored the therapeutic potential of cyathula officinalis cnx in knee osteoarthritis koa treatment utilizing network pharmacology and in vitro experiments we identified active ingredients action targets and pathways in cnx

anti inflammatory activity of cyathula prostrata l blume Jan 15 2024 cyathula prostrata l blume which belongs to the amarantaceae family is commonly known as pasture weed pigweed and small prickly chaff flower and found growing in forests plantations waste areas and roadsides

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isolation structural elucidation and immunomodulatory May 07 2023 a graminan type fructan cops3 has been isolated from the roots of cyathula officinalis cyathula root or radix cyathula and exhibits anti tumor activity chen and tian 2003 several medicinal mushrooms have been identified as source of anti tumor and immunomodulating polysaccharides wasser 2002 and have been designated as biological

25 2514 anticancer activity of cyathula prostrate vijayaku Apr 06 2023 abstract cyathula prostrata linn blume herbs are commonly used for the treatment of inflammatory and pain in nigeria the objective of the present study was to assess the antitumor and antioxidant activity of cyathula prostrata linn blume in mice model the treatment of dalton s lymphoma ascites cells induced tumor by the methanolic extract **antiinflammatory analgesic and antioxidant activities of** Mar 05 2023

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