

Vicia ervilia L. seeds newly explored biological activities

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Abstract

Within the global context of increasing poverty in the developing countries, natural products are important in devising new drugs. *Vicia ervilia* L. Willd., unlike several fabaceae seeds, is not used for human consumption till now.

We aim to discover any possible medicinal use of the seed. Analgesic, anti-inflammatory, antiulcerogenic and antihyperglycemic activities were evaluated using hot plate, carrageenan-induced rat paw edema, ethanol-induced ulcer model and alloxan-induced

diabetes methods, respectively.

Antiviral activity was evaluated using Methylthiazol

Tetrazolium assay.
V.

ervilia
seeds ethanol (70%) extract
had significant
anti-inflammatory,
analgesic, antiulcerogenic,
antihyperglycemic
and antiviral
activities.

It is
of
excellent
choice for
treatment
of several
illnesses in developing
countries
due to
its
diverse
resource,
easy accessibility,
affordability
and its newly proved
significant

wide
range
of biological
activities.

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