

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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