

# **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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