



# Pharmacognostical Studies and Pharmacological Activities of *Crossandra Infundibuliformis*

Hari Vishva P\*, Abdul Azim A, Vanitha M, Ganesan S and Gokulnath K

Al-Ameen College of Pharmacy, Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore, India

## Abstract

*Crossandra Infundibuliformis* is a medicinal plant used in traditional medicine including Ayurveda and Siddha and in other forms of traditional medicine worldwide for the treatment of several

a a (C c ) a c  
b c a c a ab  
20-25 25-30 , c c a S  
b c c a I  
c c c a c ac a a  
a c a c c a a  
a c a c c c ca c  
a ab 10-15 15-20 , c c a  
ab 30-35 35-40 , c b S

UTI, a P, a, c, b, a, bac, a, ac, a, a, Ec, c, a, c (16.20, 0.25), b, ac, ac, ca, a, a, a, a, C, a, a, b, a, a, ab, a, bac, a, ac, a, a, c, a, a, c, a, c, a, c, ca, a, b, c, a [7].

### Tuberculosis Activity

Sa, K, a, c, b, ab, a, ac, a, c, a, a, C, a, a, b, a, a, M, c, bac, b, c, C, a, a, b, b, I, a, S, a, a, A, a, c, I, a, a, a, ac, ca, a, a, c, b, a, a, I, a, a, a, ac, C, a, a, b, a, a, ba, a, a, c, a, a, ac, a, a, a, a, ac, c, a, a, M, c, bac, b, c, A, a, a, b, TB, a, a, P, c, ca, a, a, a, c, c, a, ab, c, a, c, a, a, a, a, b, c, c, a, a, c, ac, a, a, ac, a, a, a, 3.12 / a, a, M, c, bac, b, c, a, a, a, c, bac, a, c, a, ac, C, a, a, b, [8].

### Antisolar Activity

S, a, a, Ka, a, a, c, b, ab, S, a, a, c, U, V, a, a, ; a, a, a, a, b, a, D, c, b, B, UV, a, a, UV-A, a, a, ca, b, c, UV-B, ca, b, a, a, a, DNA, a, a, a, a, UV, ab, ab, a, a, ac, a, a, a, c, a, a, b, a, a, A, a, a, UV, b, a, a, a, ac, C, b, a, b, A, a, ac, a, a, ac, A, c, a, a, a, a, a, a, a, c, a, c, c, a, C, b, a, a, ac, ca, b, a, a, a, c, c, a, a, a, a, a, a, a, a, a, a, a, a, c, c, a, a, [9].

### Antioxident Activity

K, a, G, a, c, b, ab, a, a, a, a, a, c, c, a, a, a, C, a, a, b, a, S, a, a, a, cc, ac, a, ca, a, c, ac, S, a, a, a, a, c, a, 1, 1'-2-c, a, (DPPH), a, (LPO), c, a, ca, ca, c, ac, a, a, a, ca, ac, (a, a, a, a, a, c, b, c, ac, (a, C), a, a, a, ca, ac, a, ac.) a, a, a, a, ca, ac, ac, ac, ca, a, a, ac, ac, a, a, (84.59 / ac) c, a, a, ac, a, ac, a, ca, a, a, ac, DPPH, M, a, a, ac

a, ca, a, a, ac, LPO, b, (IC50, a, 70.66. / ), (IC50, a, 130.33. / ) a, c, ca, ac, ac, (1.19) a, c, a, ac, a, a, a, b, c, c, a, a, a, ac, ac, a, a, a, ac, H, a, a, C, a, a, b, a, a, a, a, ac, [10].

### Antiarthritic Activity

Sa, a, a, a, S, a, c, b, ab, a, b, a, a, I, A, -A, c, ac, ba, a, C, a, a, b, b, a, Aca, ac, a, a, c, c, a, ac, b, a, a, M, a, P, E, b, a, a, a, a, b, E, -Ab, a, a, a, a, a, a, a, a, a, c, ac, c, a, b, a, a, a, a, b, a, a, 89.4%, 91.2% a, 94.3% ac, a, 81.8%, 84.3%, 88.5% a, ac, c, a, a, 100, 250, 500. / c, a, b, a, a, c, ac, a, a, b, 91.2%, 94.5% a, 96.4% c, a, a, 100, 250, 500. / P, ac, a, b, c, a, M, a, c, ac [11].

### Antidiabetic Activity

Ga, Va, a, a, c, b, ab, a, c, ab, a, a, a, I, a, a, c, Ma, ba, a, a, a, a, ab, a, a, a, b, a, a, a, a, ab, c, ac, a, a, a, c, a, c, ac, C, a, a, b, a, a, (ECILS) a, a, c, ab, c, a, D, ab, c, a, a, a, b, a, a, a, a, (150 / ) a, a, a, a, ab, 30 a, B, c, a, c, a, a, b, c, ca, a, a, a, a, a, a, a, c, a, a, c, a, a, a, a, a, a, a, ca, a, H, a, ca, a, a, a, ab, c+ ECILS, a, c, a, ca, c, c, a, c, c, a, c, a, c, a, a, a, a, a, C, b, a, ab, c, ac, a, a, a, ac, a, ca, b, a, ab, c, ac, a, a, c, c, ca, a, ab, c, ac, [12].

### Antifungal and Anticandidal Activity

Ma, a, c, b, ab, a, c, ca, a, bac, a, a, a, a, ca, a, ac, cc, ac, C, a, a, b, (Aca, ac, a) a, P, a, c, c, a, a, a, ca, b, a, a, a, a, ca, b, c, ca, a, a, a, bac, a, a, a, a, a, ca, a, ac, b, a, a, c, cc, ac, a, a, a, c, ca, c, a, MIC, a, a, bac, a, ac, a, 0.007, 8, 0.015, 0. / L, I, ca, a, a, a, ca, a, ac, MIC, a, b, 0.125, a, 0.250. / L, a, a, a, a, ac, C, b, c, a, c, b, a, ac, a, a, a, a

a a, c a a a ca c [13].

### **Antihyperlipidemic Activity**

Va a a c b ab H c a a a b  
c b a a a b a c ca a a