OBJECTIVES

Aim:

To perform pharmacognostic, phytochemical and pharmacological investigation and to evaluate the aerial parts of Scopoaria dulcis Linn for its Hepatoprotective property.

OBJECTIVES OF THE STUDY:

Pharmacognostic Investigation
Collection and Authentication of Plant

Photochemical Investigation
Extraction of the dried powder of the plant with solvents

• Successive solvent extraction
• Qualitative chemical analysis
• Chromatographic studies of phytoconstituents
• Isolation of flavonoids
• Spectral analysis and identification of isolated compound

Pharmacological Investigation
• Hepatoprotective activity against alcohol induced hepatotoxicity
• Hepatoprotective activity against CCl₄ induced hepatotoxicity
• Antioxidant activity
• Nephroprotective activity against gentamycin induced nephrotoxicity

Hence the present work was desired to investigate the Hepatoprotective, Antioxidant and Nephroprotective properties of Scopoaria dulcis Linn