

# Clitoria Ternatea

**Sanika Bhosale, Atharv Pore, Tahira Malidwale, Pallavi Gaikwad, Shamal Kadam**

Nootan College of Pharmacy, Kavathe Mahankal, India

**Abstract:** *The plant species Clitoria ternatea, sometimes known as the butterfly pea, is a member of the Leguminosae (Fabaceae) family and has been used in traditional medicine to treat a variety of illnesses. Because the butterfly pea (Clitoria ternatea) contains flavonoid chemicals, which are mostly found in its roots, leaves, and flowers, locals frequently use it as a medicinal resource. Tannins, phlobatannin, proteins, alkaloids, triterpenoids, phenols, flavanoids, flavonol glycosides, anthocyanins, cardiac glycosides, Stigmast4-ene-3,6-dione, volatile oils, and steroids were all found in Clitoria ternatea. Antioxidant, hypolipidemic, anticancer, anti-inflammatory, analgesic, antipyretic, antidiabetic, central nervous system, antimicrobial, gastrointestinal, antiparasitic, insecticidal, and numerous other pharmacological activities were among the numerous pharmacological properties that the plant demonstrated. The pharmacological effects and chemical components of Clitoria ternatea will be highlighted in this review.*

**Keywords:** Phycocyanin, butterfly pea, flavonoid, blue pea, blue colorant, and beneficial food