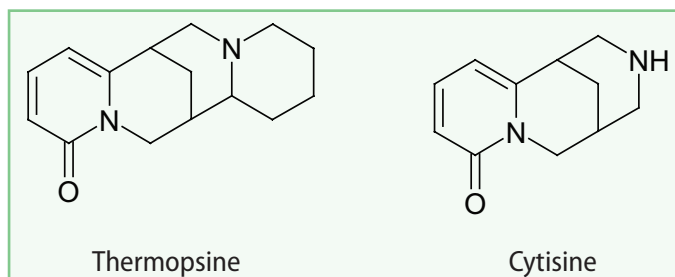


Traditional uses: The taste is bitter and potency is cool and heavy. It is used for as the following: treating wounds and fever, and fortifying the body. It is an ingredient of the following traditional prescriptions: Pagril-5, Senden-25, Nymjor-17, Chumaze-25, Chumankhorol, Chavdagshagdol, Aba-6 tan, Abkhia-6 [5–8].

Microscopic characteristics:

Leaf: Upper epidermal cells polyangular, wavy walled; lower epidermis relatively more wavy. Anomocytic stomata occur only lower epidermis. Trichome multicellular, two celled. Sometimes trichome thick-walled [9].

Chemical constituents: Alkaloids: cytisine, anagrine, pachycarpine [10], rhombifoline, N-methylcytisine [11], N-formylcytisine, thermopsine, termopsidin, lupanin, spartein, 5, 6-dihydrolupanin, baptifoline, epibaptifoline, 17-oxosparteine, 11,12-dehydroanagyryne, àmmodendrine, isoammmodendrine [12].



Bioactivity: Mucolitic [13].

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