

wide, rounded at the apex. Bracts sessile, ovate or linear lanceolate. Heads globular, 4–10 mm in diameter, with long peduncle, drooping, forming raceme or broad panicle. Achene oblong-ovate.

Distribution: Khovs. (Khovsgol lake), Khent., Khang., Mong-Dag., Dund. Khalkh, Ikh n., Khovd, Mong. Alt., Alt. ovor (east), Alash.

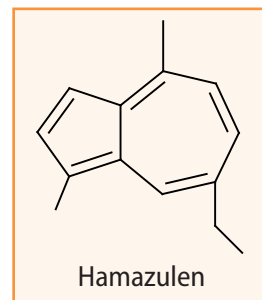
Habitat: Mostly on rocks in dry beds of large and small rivers [2–4].

Parts used: Herb and flowers

Traditional Uses: The taste is bitter and hot and coarse. It is used for the following: treating inflammation of the throat, lung diseases, and fever from tumors. It is an ingredient of the following traditional prescriptions: Jugan-25, Tsarvon-5, Tsarvon-48, and Zembe-5 [4–7].

Chemical constituents: The aerial part contains 0.15–2% essential oil: azulene, α -pinene, β -pinene, camphene, limonene, *n*-cymol, 1,8-cineole, camphor, borneol, hamazulene, thujone, *n*-cresol, sabinene, myrcene, α -terpinene, γ -terpinene, isoborneol and other terpenoids [8,9]. Flowers contain 0.42–0.61% essential oil, and 7.43–10.5% of the essential oil is hamazulene [8].

Bioactivities: Essential oil, especially hamazulene shows anti-inflammatory and anesthetic activities [10].



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