>>**Entry Name: Galegine**
Synonym(s): (3-Methyl-2-butenyl)guanidine. *N*-Prenylguanidine

CAS Registry Number: 543-83-9

Molecular Formula: $C_6H_{13}N_3$
Molecular Weight: 127.189
Accurate Mass: 127.110947
Percentage Composition: C 56.66%; H 10.30%; N 33.04%
Biological Source: Toxic principle from *Verbesina encelioides, Galega officinalis* (goat's rue) etc. (Compositae, Leguminosae)
Use/Importance: Antihyperglycaemic agent. Shows antidiabetic props.
Physical Description: V. hygroscopic cryst.
Melting Point: Mp 60-65°
Calculated Log P Data: Log P 0 (calc)
Hazard & Toxicity: Pulmonary toxicant

>>**Derivative:** Sulfate

Physical Description: Needles (H_2O)
Melting Point: Mp 223-225°

References:

Tanret, G., *C. R. Hebd. Seances Acad. Sci. Ser. C*, 1914, **158**, 1182
Schreiber, K. *et al.*, *Annalen*, 1964, **671**, 147; 154, *(isol, synth)*
Reuter, G., *Planta Med.*, 1965, **13**, 494, *(biosynth)*
Eichholzer, J.V. *et al.*, *Phytochemistry*, 1982, **21**, 97, *(isol)*
Huxtable, C.R. *et al.*, *Aust. Vet. J.*, 1993, **70**, 169, *(isol, tox)*