

# Turkish Journal of Chemistry

Turkish Journal

of

Chemistry


An Unusual Pentacyclic Dinitrogenous Alkaloid from *Galanthus gracilis*

Nehir ÜNVER, G. İrem KAYA

Ege University, Faculty of Pharmacy, Department of Pharmacognosy,

35100 Bornova, İzmir-TURKEY

e-mail: unvern@pharm.ege.edu.tr

 [Keywords](#)  
 [Authors](#)

**Abstract:** A minor alkaloid, namely gracilamine, was isolated from *Galanthus gracilis*. This was the first example of a pentacyclic dinitrogenous alkaloid isolated from a member of Amaryllidaceae. The structure of this alkaloid was elucidated by means of comprehensive spectroscopic methods (1D and 2D NMR, MS, UV, IR).

**Key Words:** Gracilamine, *Galanthus gracilis*, Pentacyclic and Dinitrogenous Alkaloids, Amaryllidaceae



[chem@tubitak.gov.tr](mailto:chem@tubitak.gov.tr)

[Scientific Journals Home  
Page](#)

---

Turk. J. Chem., **29**, (2005), 547-553.

Full text: [pdf](#)

Other articles published in the same issue: [Turk. J. Chem., vol.29, iss.5.](#)