

New Triterpenoidal Alkaloids from *Buxus sempervirens*

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Buxus sempervirens, (+)-16 α , 31-Diacetylbuxadine and (–)-*N*_b-Demethylcyclomikuranine

Phytochemical studies on the ethanolic extract of the roots of *Buxus sempervirens* of Turkish origin have resulted in the isolation of two new triterpenoidal alkaloids, (+)-16 α , 31-diacetylbuxadine (**1**), (–)-*N*_b-demethylcyclomikuranine (**2**) along with three known natural products, (–)-cyclomikuranine (**3**), (–)-cyclobuxophylline-K (**4**) and (+)-buxaquamarine (**5**) isolated for the first time from this species of genus *Buxus*. The structures of these new natural products were established on the basis of extensive spectroscopic studies. Compound **1** exhibited antibacterial activity against human pathogenic bacteria and weak phytotoxic activity against *Lemna minor* Linn.