Delphiniflexine, a new norditerpenoid alkaloid, together with the three known norditerpenoid alkaloids methyllycaconitine, ajadine, and acoseptrigenine were isolated from the aerial parts of Delphinium flexuosum. The structure of delphiniflexine was established on the basis of $^1$H, $^{13}$C, DEPT, homonuclear $^1$H COSY, NOESY, HSQC, and HMBC NMR studies.

**Key words:** Norditerpenoid Alkaloids, Delphinium flexuosum, Delphiniflexine