Phenylalkylamine alkaloids from Stapelia hirsuta L.

Mariam Abd Elhameid, Shabana M, Salama MM, Abdel-Sattar E.

Professor

Abstract

Four alkaloids of the phenethylamine derivatives have been isolated from the n-butanol fraction of the aerial parts of Stapelia hirsuta L. The structures of the isolated alkaloids were determined as N-acetyl hordenine (a new natural compound), hordenine, candicine and hordenine-1-O-beta-D-glucoside, in addition to luteolin-7-O-beta-D-glucopyranoside.