

Tropane Alkaloids of *Datura innoxia* from Morocco

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Fifty three alkaloids were identified in the organs (roots, stems, leaves, flowers, and seeds) of *Datura innoxia* by GC/MS. Seventeen of them are reported for the first time for this species and one *nor*-derivative, 3-phenylacetoxynortropane (**28**), for the genus *Datura*. Furthermore, four new tropane esters were tentatively identified as 3-acetoxy-6,7-epoxy-tropine (acetylscopine) (**10**), 3-acetoxy-6-propionyloxy-7-hydroxytropine (**15**), 6,7-dehydro-3-phenylacetoxytropine (**25**), and 3-(2'-phenylpropionyloxy)-6,7-epoxynortropine (dihydroaponoscopamine) (**37**) on the basis of their mass spectral data. Hyoscyamine (**44**) and scopolamine (**48**) figure as main alkaloids in the roots and aerial parts, respectively.

Key words: GC/MS, *Datura innoxia*, Solanaceae, Tropane Alkaloids