GC-MS studies of Crinum asiaticum L. Leaves and Flowers
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Abstract:

From the lipid fraction of Crinum asiaticum L. leaves, six saturated straight chain hydrocarbons, two sterols as well as thirteen fatty acids were isolated and identified. The isolation and identification of these compounds were based on GLC/MS technique. Most of these compounds are reported here for the first time either in this species or in Crinums generally. On the other hand, GLC/MS analysis of the volatile oil of its flowers, for the first time among Crinums, resulted in the isolation of ten components, eight of which were identified. Unsaturated fatty acids and phenols were found to prevail in the leaves and flowers’ volatiles, respectively.

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