

FLAVONOIDS FROM *ANTHEMIS STIPARUM* POMEL

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ABSTRACT:

Flavonoids are natural products found as biochemical constituents of plants. Because of their potential therapeutic significance, the number of identified flavonoids is increasing rapidly and extensive screening of their actions is being carried out in many laboratories.

Anthemis is a genus of about 100 species of about 100 species of aromatics herbs in the Asteraceae, three flavonoid aglycones, Hispidulin (4',5,7-trihydroxy-6-methoxyflavone), Jaceosidin (4',5,7-trihydroxy-3',6-dimethoxyflavone) and Eupatilin (5,7-dihydroxy-3',4',6-trimethoxyflavone) have been identified for the first time from the aerial parts of *Anthemis Stiparum Pomel*, known in Arabic as Rebian, the plant was collected from Stil area (El-oued), in south of Algeria in April 2005.

The structures of compounds were determined using detailed spectroscopic analyses.

KEYWORDS: Asteraceae, *Anthemis Stiparum Pomel*, Flavonoids.