

The Structural Determination of a New Steroidal Metabolite from the Brown Alga *Sargassum asperifolium*

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An investigation of the natural products chemistry of the brown alga *Sargassum asperifolium* from the red sea yielded a new steroidal metabolite, 24-vinyl cholest -4-ene -24- ol -3 one, saringosterone (**3**), a known steroidal metabolite, 24-vinyl cholest -5-ene -3b, 24-diol, saringosterol (**4**), and known diterpene with a hydroazulene skeleton, dictyone (**1**). The identification of the isolated metabolites was established mainly by spectral methods and chemical transformation of the dictyone (**1**) to its acetate (**2**).

Key words: *Sargassum*, Steroids, Saringosterone