Validation of spectrophotometric method for determination of esomeprazole and ciprofloxacin in their pure and dosage forms

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A novel simple, accurate, sensitive and economical spectrophotometric method has been established and validated for the determination of esomeprazole and ciprofloxacin. The method is based on the oxidation of the studied drug by a known excess of potassium permanganate, followed by measuring the decrease in absorption (A) of KMnO4 in acidic medium at wavelength of 52 ...


**Jaiphal Myristica fragrans (Houtt)-A promising seed for pharmaceutical industries**

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The evergreen dark-leafed aromatic dioecious Myristica fragrans Houtt. (1774) is a native tree of Indonesia and is also found in tropical countries like India (Kerala), Malaysia (Penang inland), Taiwan etc. It is popularly known as jaiphal and belongs to the family Myristicaceae. It has spreading branches and a yellow fleshy fruit. The fruits are sources of two valu...

**Regarding the measurement of therapeutic adherence**

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Adherence to chronic therapies among population living in developed countries has been estimated about 50% [1]. This is a matter of concern, since poor adherence is associated with suboptimal clinical outcomes, increased frequency of adverse effects and high healthcare expenses [2]. ...

**Bacteriocin-like protein produced Brevibacillus laterosporus that can inhibit the growth of drug resistant bacteria**

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This minireview contains a compendium of bacteriocin or bacteriocin-like proteins produced from Brevibacillus
laterosporus that can inhibit the growth of drug resistant bacteria. A good number of bacterial secondary metabolites/bacteriocin/bacteriocin-like proteins are reported to have anti-drug resistant bacteria activity or anti-cancer activity comparable to the e ...