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A Brief Review: Flavonoids as a Pharmacophore

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ABSTRACT

Flavonoids or bioflavonoids (Latin word flavus meaning yellow, their colour in nature) are found as a secondary metabolite in plants. Chemically they have 15 carbon skeletons, which consist of three rings including two phenyl A & B and one oxygen containing heterocyclic ring C. They are classified into flavonoids as, Flavonoids or biflavonoids derived from 2-phenylchromen-4-one Isoflavonoids derived from 3-phenylchromen-4-one Neoflavonoids derived from 4-phenyl coumarin. Flavonoids are widely distributed in plants, performing wide range of function. They are associated with diversified biological activities.

Keywords: Flavonoids, Isoflavonoids, Neoflavonoids, Pharmacophore.
