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Designing of a new anticancer agent: An internet based drug design approach

Soumendranath Bhakat
Department of Pharmaceutical Sciences, Birla Institute of Technology, India

With the development of computational chemistry and molecular docking studies SAR and pharmacophore based drug design have been modified to target based drug discovery using sophisticated computational tools which is not very much user friendly and has got many incompatibility issues with many operating systems(OS) and other system configurations. In this paper SAR (Structure Activity Relationship) and pharmacophore based drug design approaches have been described by the used of free internet based tools which are very much user friendly and can almost compatible with any platform. In this paper some doxorubicin analogues have been designed using pharmacophore study as potent anticancer agents and their drug like properties, toxicity, metabolic sites and other parameters are predicted by the free internet based tools.

soumendranath2009@gmail.com