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Recent advancement of Piperidine Moiety in Treatment of Cancer- A Review

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Abstract

Piperidine is an important pharmacophore, a privileged scaffold and an excellent heterocyclic system in the field of drug discovery which provides numerous opportunities in studying/exploring this moiety as an anticancer agent by acting on various receptors of utmost importance. Cancer is an uncontrolled division of cells that results in the formation of tumour which have the potential to migrate to other parts of the body (metastasis) finally becoming a major threat to human population. Since piperidine displayed great potential in this area it is being further probed to get novel entities for the treatment of cancer. This review throws light on recent biological expansions of piperidine along with structure activity relationships to deliver association between various synthesized newer/novel derivatives and receptor sites.

Keywords: Piperidine; Anticancer; SAR.

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