

Review Article

QUINOLINE SCAFFOLD – A MOLECULAR HEART OF MEDICINAL CHEMISTRY

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Quinoline is the most important structure in the series of Heterocyclic compounds that give the different activities such as antibiotic, anti-inflammatory, analgesic, antimalarial, antidiabetic, anticancer etc of them are under evaluation in clinical trials. In the antibiotic activity, there are 3 new quinolone cognates that were primed through alkylation of 2-oxo-1,2-dihydroquinoline-4-carboxylic acid with the ethyl-2-Bromoacetate. Different spectroscopy for most of the activities like mass spectroscopy, NMR, IR, etc.

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