

A Study on the Relevance of Heterocyclic Chemistry

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Abstract: Heterocyclic compounds are highly fascinating in our daily lives. The structure of heterocyclic compounds may include one or more hetero atoms. They might exhibit cyclic or non-cyclic traits. Heterocyclic compounds have several applications. They are mostly used as medicines, veterinary supplies, and agrochemicals. They also serve as components for copolymers, sanitizers, developers, antioxidants, corrosion inhibitors, and coloring. They act as a catalyst for the synthesis of other organic molecules. Alkaloids like vinblastine, morphine, and reserpine as well as antibiotics like penicillin and cephalosporin are examples of natural substances that include a heterocyclic moiety.

Keywords: Heterocyclic compounds, Pharmaceuticals

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