

# An Overview of the Bioactive Properties of Benzimidazole Derivatives

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**Abstract:** *Benzimidazole derivatives play a crucial role in the field of medicinal chemistry due to their diverse pharmacological properties, including antibacterial, antifungal, anthelmintic, antiviral, antidiabetic, and anticancer activities. As a fused heterocyclic system containing both benzene and imidazole rings, benzimidazole has garnered significant attention in modern drug discovery and development. Its structural versatility and broad-spectrum bioactivity make it a valuable scaffold for the design of novel therapeutic agents. This review highlights recent advancements in the chemistry and pharmacological potential of benzimidazole derivatives, emphasizing their significance in the development of new drugs...*

**Keywords:** Benzimidazole, pharmacological properties, drug discovery, antibacterial, antifungal, antiviral, anticancer, anthelmintic, antidiabetic

