A Concise Review on the Synthesis and Reactions of Pyrazolopyrazine Heterocycles

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Abstract:

The pyrazolopyrazine ring system is a very interesting class of heterocyclic compounds that were considered as important scaffolds of many efficacious biologically active agents that show anticancer with low toxicity, antioxidant, anticonvulsant, antiparasitic, anti-inflammatory, antiviral, antibacterial, antifungal, and analgesic activities. This review throws light on the detailed synthetic approaches for the synthesis and reactions of pyrazolopyrazine moiety. This follow up may encourage the chemists to generate new routes possessing pyrazolopyrazine nucleus with high efficacy.

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