

Application of 1,2,4-triazolo[1,5- α]pyrimidines for the design of coordination compounds with interesting structures and new biological properties.

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Streszczenie

This article reviews investigations conducted over the last 15 years that aimed to develop coordination compounds with 1,2,4-triazolo[1,5- α]pyrimidines. The rich diversity of this coordination chemistry provides not only interesting structural chemistry but also exciting therapeutic properties. In particular, these compounds have gained increasing attention in medicinal applications, such as anticancer, antiparasitic and antibacterial prodrugs, and most of these coordination compounds are hypothesized to exhibit higher therapeutic potential than the currently available drugs. In addition, possible structure–activity relationships are discussed and outlined.

Słowa kluczowe

Triazolopyrimidine, Metal complexes, Biological activity

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