Pyrazolo[3,4-d]pyrimidine based scaffold derivatives targeting kinases as anticancer agents

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Abstract

Pyrazolopyrimidines are fused heterocyclic ring systems which structurally can consider as bioisosteres
of adenine, which is fundamental for every aspect of cell life. Pyrazolo[3,4-d]pyrimidines derivatives have
been explored for their inhibitory activity towards various protein kinase enzymes and their role as
anticancer agents. The present review to the best of our knowledge is the first compilation on synthesis
and medicinal aspects including structureeactivity relationships of pyrazolo[3,4-d]pyrimidines reported
to date.

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