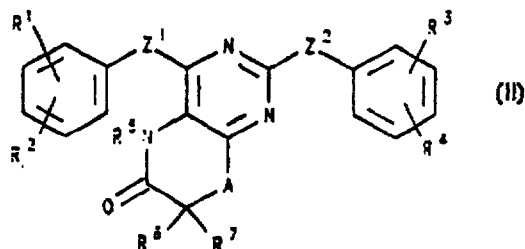
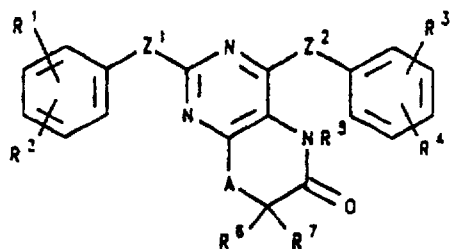


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(54) Title: BICYCLIC PYRIMIDINE DERIVATIVES AND THEIR USE AS ANTI-COAGULANTS



(57) Abstract

This invention is directed to bicyclic pyrimidine derivatives which are useful as anti-coagulants, of formulae (I) and (II), wherein A is -O-, -N(R⁵)-, or -S(O)_n- (where n is 0, 1 or 2); Z¹ and Z² are independently -O-, -N(R⁵)- or -OCH₂-. This invention is also directed to pharmaceutical compositions containing the compounds of the invention, and methods of using the compounds to treat disease-states characterized by thrombotic activity.