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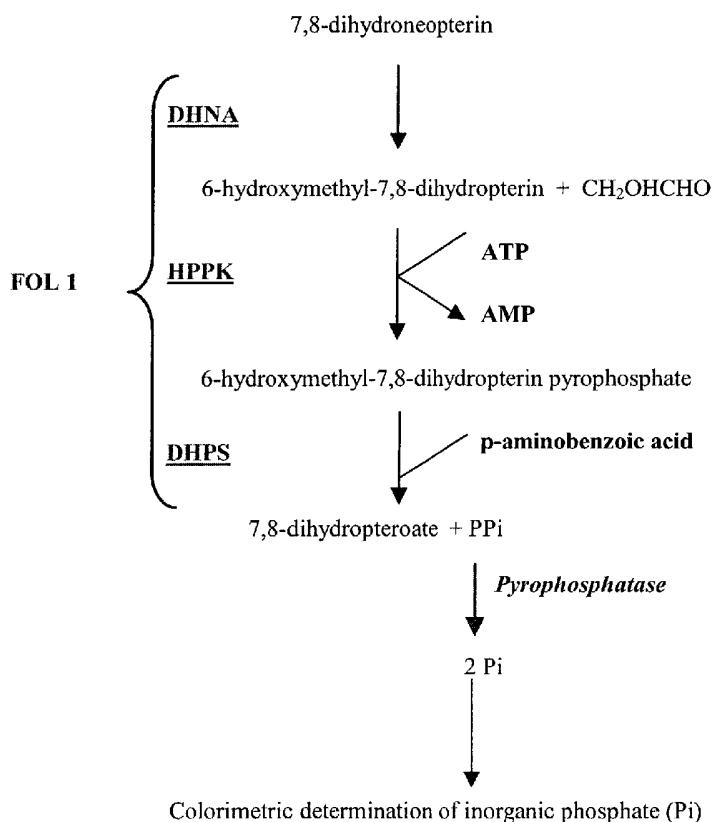
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(54) Title: SCREENING METHOD FOR INHIBITORS OF FOLATE SYNTHESIS PATHWAY ENZYMES



(57) Abstract: The invention is directed to a method for determining the inhibition activity of a compound to be tested on at least the DHPS activity of the folate synthesis pathway, which is coupled with the detection of the release of formed inorganic phosphate. An enzymatic assay, implementing this method of determination on an enzymatic composition, is also within the scope of the invention. This assay is suitable for high throughput screening of compounds affecting folate pathway.



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A. CLASSIFICATION OF SUBJECT MATTER

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According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, EMBL, BIOSIS, INSPEC, COMPENDEX, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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Patent family members are listed in annex.

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