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[54] **PTERIDINE DERIVATIVES AS NO SYNTHASE INHIBITORS**

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[52] **U.S. Cl.** **514/249**; 544/258; 544/259; 544/260; 544/261

[58] **Field of Search** 544/258, 259, 544/260, 261; 514/249

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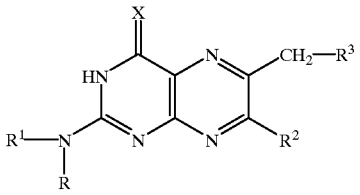
[57] **ABSTRACT**

The present invention relates to the use of pteridine derivatives of the formula I



(I)

in which X is O, NH or N—(C_{1-C5})-alkanoyl, R^3 is the radical —OR^4, —NR^5R^6 or —$S(O)_mR^7$, and R, R^1, R^2, R^4, R^5, R^6, R^7 and m have the meanings given in claim **1**, which are nitric oxide synthase inhibitors, for the treatment of diseases which are caused by an increased nitric oxide level.

13 Claims, No Drawings