United States Patent [19]

Nichol et al.

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[54] **BIOPTERIN ANALOGS**

[75] Inventors: **Charles A. Nichol; John F. Reinhard, Jr.**, both of Durham; **Gary K. Smith**, Raleigh; **Eric C. Bigham**, Chapel Hill, all of N.C.

[73] Assignee: **Burroughs Wellcome Co.**, Research Triangle Park, N.C.

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 533,786, Sep. 19, 1983, abandoned.

[51] **Int. Cl.**[4] **C07D 475/04;** A61K 31/505

[52] **U.S. Cl.** ..... **544/258;** 544/33 G

[58] **Field of Search** 544/258; 424/251

[56] **References Cited**

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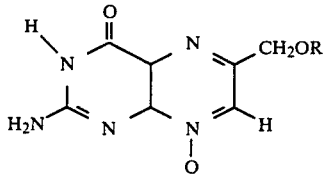
Primary Examiner—Donald G. Daus

Assistant Examiner—Robert Benson

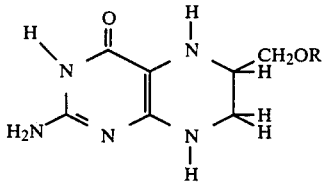
Attorney, Agent, or Firm—Donald Brown

[57] **ABSTRACT**

This invention provides the intermediates of formula II-A below, useful to make the pterin compounds of formula I below. The pterin compounds are used in human and veterinary medicine.



IIA



I

wherein R represents a lower alkyl of 1 to 8 carbons.

3 Claims, No Drawings