

**United States Patent** [19]

**Ziegler et al.**

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[54] **USE OF TETRAHYDROBIOPTERIN TO ENHANCE THE PROLIFERATIVE ACTIVITY OF INTERLEUKIN-2 ON T CELLS**

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[63] Continuation-in-part of Ser. No. 787,891, Oct. 16, 1985, abandoned.

[30] **Foreign Application Priority Data**

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[52] **U.S. Cl.** ..... 435/29; 435/34; 435/35; 435/244; 530/351; 544/257; 544/258

[58] **Field of Search** ..... 436/33; 530/351; 514/249, 258; 544/257, 258; 435/29, 34, 35, 244

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**PUBLICATIONS**

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[57] **ABSTRACT**

The use of pterins to increase the activity of lymphokines and other cell growth factors, and a diagnostic or therapeutic preparation that contains pterins combined with lymphokines. Adding pterins to lymphokines can increase the activity of the lymphokines by 3 to 5 times.

**4 Claims, 1 Drawing Sheet**