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(54) **EUGLENOID DERIVED ALKALOID**

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(52) **U.S. Cl.** **424/195.17**; 504/155; 435/122; 546/248

(58) **Field of Classification Search** 424/195.7; 504/155; 435/122; 546/248
See application file for complete search history.

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(57) **ABSTRACT**

Disclosed herein is a purified toxin isolated from *Euglena sanguinea*. More specifically the toxin, termed euglenophycin, is an alkaloid having herbicidal and cytotoxicity against plant and mammalian cells.

(51) **Int. Cl.**

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8 Claims, 3 Drawing Sheets