

- [54] **PROLACTIN SECRETION INHIBITORS**
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- [21] **Appl. No.:** 904,191
- [22] **Filed:** May 11, 1978

**Related U.S. Application Data**

- [63] Continuation-in-part of Ser. No. 891,299, Mar. 29, 1978, abandoned, which is a continuation-in-part of Ser. No. 862,366, Dec. 20, 1977, abandoned, which is a continuation-in-part of Ser. No. 818,420, Jul. 25, 1977, abandoned.
- [51] **Int. Cl.<sup>2</sup>** ..... A61K 31/495; A61K 31/47; A61K 31/48
- [52] **U.S. Cl.** ..... 424/250; 424/258; 424/260; 424/261; 424/262; 424/273 R
- [58] **Field of Search** ..... 424/273 R, 258, 250, 424/260, 261, 262

[56] **References Cited**

**U.S. PATENT DOCUMENTS**

3,852,303 12/1974 Houlihan ..... 260/309.6

**OTHER PUBLICATIONS**

Chem. Abst. 9th Col. Index, vol. 76-85 (1972-1976), pp. 19265cs, 19267cs and 19268cs.

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[57] **ABSTRACT**

Certain known imidazo[2,1-a]isoindoles and isoquinolines, e.g., 5-(p-chlorophenyl)-5-hydroxy-2,3-dihydro-5H-imidazo[2,1-a]isoindole (mazindol), have been found to be useful as inhibitors of prolactin secretion, and may be so utilized alone or as an agent which enhances the action of other chemical compounds having activity in inhibiting prolactin secretion.

**21 Claims, No Drawings**