

Title (en)

DIHYDROPYRIMIDONE DERIVATIVES AS NPY ANTAGONISTS

Title (de)

DIHYDROPYRIMIDON-DERIVATE ALS NPY-ANTAGONISTEN

Title (fr)

DERIVES DE DIHYDROPYRIMIDONE COMME ANTAGONISTES DU NEUROPEPTIDE Y (NPY)

Publication

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Application

EP 98902841 A 19980126

Priority

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Abstract (en)

[origin: WO9833791A1] The present invention provides a series of non-peptidergic antagonists of NPY comprising piperidine derivatives of 4-phenyl-1,4-dihydropyrimidinones of formula (I), wherein R, R<1> and R<2> are defined herein. As antagonists of NPY-induced feeding behavior, these compounds are expected to act as effective anorexiant agents in promoting weight loss and treating eating disorders.

IPC 1-7

C07D 401/12; A61K 31/505

IPC 8 full level

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Citation (search report)

- [A] US 4675321 A 19870623 - BALDWIN JOHN J [US], et al
- [A] WO 9006118 A1 19900614 - HOUSTON BIOTECHNOLOGY [US], et al
- [A] US 4738965 A 19880419 - KASTRON VALERIA V [SU], et al
- [A] US 4847379 A 19890711 - ATWAL KARNAIL [US]
- [A] US 4609494 A 19860902 - BALDWIN JOHN J [US], et al
- [A] US 4684655 A 19870804 - ATWAL KARNAIL [US]
- [A] US 4684656 A 19870804 - ATWAL KARNAIL [US]
- [A] EP 0237347 A2 19870916 - SQUIBB & SONS INC [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 297 25 September 1987 (1987-09-25)
- See references of WO 9833791A1

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