

(12)

CANADIAN PATENT

(21) Application N°: **2 000 468**

(51) Int. Cl.°: **C07D 401/06, A61K 031/44**

(22) Application date: **11.10.1989**

(30) Priority: **256,959 US 13.10.1988**

(73) Patentee(s):
**MERRELL DOW PHARMACEUTICALS (CANADA)
INC.
7777 Keele Street, Unit 10 CONCORD O1 (CA).**

(72) Inventor(s):
**Carr, Albert Anthony (US).
Kane, John Michael (US).
Cheng, Hsien Chang (US).**

(74) Agent(s):
OSLER, HOSKIN & HARCOURT LLP

(54) PIPERIDINYL BENZIMIDAZOLES

(54) PIPERIDINYL BENZIMIDAZOLES

(57)

The present invention is directed to a new class of piperidinyl benzimidazole derivatives of the formula: wherein Y is represented by CO or CHO; m is an integer from 1 to 2; R is represented by C1-4 alkyl, C1-4 alkoxy, halogen, hydroxy and hydrogen; X is represented by hydrogen, COOR₂ in which R₂ is represented by a C1-4 alkyl, or X is an alkylene phenyl radical of the formula: wherein T is represented by CHO, CO, O, or a direct bond; R₁ is represented by C1-4 alkyl, C1-4 alkoxy, halogen, hydroxy, 2,2-dimethyl ethanoic acid and hydrogen; n is an integer from 1 to 5; and pharmaceutically acceptable acid addition salts thereof; which are useful as antihistamines.