

(12) **EUROPEAN PATENT APPLICATION**

(21) Application number: 78390168.2

(22) Date of filing: 19.07.78

(51) Int. Cl.²: **C 07 C 65/20**
 C 07 C 101/18, C 07 C 143/74
 C 07 C 143/822, C 07 C 91/16
 C 07 C 101/04, A 61 K 31/00
 C 07 C 69/76, C 07 C 65/14
 C 07 C 31/34, C 07 C 43/12
 //C07C63/60, C07C69/76,
 C07C59/22, C07D317/30,
 C07D317/18

(30) Priority: 19.07.77 GB 3022977

(43) Date of publication of application:
 07.02.79 Bulletin 79/3

(88) Date of deferred publication of search report: 19.09.79

(84) Designated contracting states:
 BE CH DE FR GB LU NL SE

(71) Applicant: Fujisawa Pharmaceutical Co. Ltd.
 3-4-chome Doshomachi Higashi-ku
 Osaka(JP)

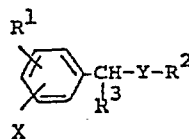
(72) Inventor: Kamiya, Takashi
 No. 1-11-16, Furuedai
 Suita(JP)

(72) Inventor: Shiokawa, Youichi
 No. 18-502, Tonda-danchi (Kodan)
 No. 1319, Makita-cho Takatsuki(569)(JP)

(74) Representative: Shipley, Warwick Grenville Michael
 VENNERS, SHIPLEY & CO., Rugby Chambers 2 Rugby
 Street
 London WC1N 3QU(GB)

(54) Lower cycloalkyl substituted-benzene derivatives, the preparation thereof and their pharmaceutical compositions.

(57) Lower cycloalkyl substituted-benzene derivatives of the formula:-



wherein R¹ is lower cycloalkyl,
 R² is carboxy, esterified carboxy, hydroxymethyl,
 lower alkoxymethyl or acyloxymethyl,
 R³ is lower alkanoyl or lower alkyl substituted with
 hydroxy, amino, lower alkylamino,
 di(lower)alkylamino, acylamino, lower alkoxy,
 acyl or acyloxy, in which the lower alkyl moieties
 of the di(lower)alkyl amino radical may be joined
 together to form a heterocyclic ring containing
 the nitrogen atom and the carbonyl function of
 the acyl radical, which is a substituent on the
 lower alkyl radical, may be protected,
 X is hydrogen or halogen, and
 Y is a valency bond or lower alkylene;

and pharmaceutically acceptable salts thereof; processes for
 preparation thereof; pharmaceutical composition comprising
 the same; and methods for treatment of inflammation by
 administering the same to mammals.



European Patent
Office

EUROPEAN SEARCH REPORT

0000644

Application number

EP 78 30 0168

DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ²)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
			C 07 C 143/822 91/16 101/04 103/76 127/17 69/24 C 07 D 295/14 213/80// C 07 C 63/60 69/76 59/22 C 07 D 317/30 317/18
			TECHNICAL FIELDS SEARCHED (Int. Cl. ²)