

Title (en)

N-SUBSTITUTED 9,10-DIHYDROLYSERGIC ACID ESTERS AND A METHOD FOR THEIR PREPARATION

Publication

EP 0000533 B1 19810805 (DE)

Application

EP 78100419 A 19780718

Priority

YU 181977 A 19770721

Abstract (en)

[origin: ES471716A1] A process for the preparation of N-substituted esters of 9,10-dihydrolysergic acids of the formula: < IMAGE > (I) wherein R₁ is an alkyl group of 1-5 carbon atoms, an alkenyl group of 2-5 carbon atoms or a cycloalkyl group of 3-5 carbon atoms, R₂ is hydrogen or an alkoxy group of 1-3 carbon atoms and X' is hydrogen or halogen, characterized in that esterified 9,10-dihydrolysergic acids of the formula: < IMAGE > (II) wherein R is hydrogen or a hydrolyzable organic group, X' is hydrogen or halogen, and R₂ has the meaning as stated above, are reacted with a compound of the formula: R₁Y (III) wherein R₁ has the meaning as stated above, Y is halogen or sulphate, in the presence of a catalyst for phase transition in the presence of aqueous alkali medium in an inert organic solvent immiscible with water, and certain novel esters obtained thereby.

IPC 1-7

C07D 457/04

IPC 8 full level

C07D 457/02 (2006.01); **A61K 31/48** (2006.01); **B01J 31/00** (2006.01); **C07B 61/00** (2006.01); **C07D 457/04** (2006.01)

CPC (source: EP US)

C07D 457/04 (2013.01 - EP US)

Cited by

EP0291270A3; EP0218433A1; EP0219256A1; EP0208622A1; FR2584720A1; US4754037A; EP0211728A1; FR2584721A1; US4739061A

Designated contracting state (EPC)

BE CH DE FR GB SE

DOCDB simple family (publication)

EP 0000533 A1 19790207; **EP 0000533 B1 19810805**; AT 363195 B 19810710; AT A490078 A 19801215; CS 216231 B2 19821029; DE 2860896 D1 19811105; ES 471716 A1 19791001; FI 64369 B 19830729; FI 64369 C 19831110; FI 782081 A 19790122; JP S5436296 A 19790316; JP S5648512 B2 19811116; PT 68278 A 19780801; SU 784775 A3 19801130; US 4230859 A 19801028; YU 181977 A 19830121; YU 40004 B 19850630

DOCDB simple family (application)

EP 78100419 A 19780718; AT 490078 A 19780706; CS 479078 A 19780718; DE 2860896 T 19780718; ES 471716 A 19780714; FI 782081 A 19780629; JP 8850978 A 19780721; PT 6827878 A 19780712; SU 2637592 A 19780720; US 92269278 A 19780707; YU 181977 A 19770721