

Title (en)  
Enzymatic cleavage of N-acyl-thienamycins.

Title (de)  
Enzymatische Spaltung von N-acyl-Thienamycinen.

Title (fr)  
Rupture enzymatique de N-acyl-thiénamycines.

Publication  
**EP 0000931 A1 19790307 (EN)**

Application  
**EP 78100699 A 19780818**

Priority  
US 82588377 A 19770819

Abstract (en)  
A method is disclosed for cleaving N-acylthienamycin compounds to yield thienamycin. The new method disclosed herein utilizes enzymes which are penicillin amidohydrolases to treat the starting compounds resulting in the antibiotic thienamycin.

IPC 1-7  
**C07B 29/02**; **C07D 487/04**

IPC 8 full level  
**C07D 477/20** (2006.01); **C12P 17/18** (2006.01); **C12R 1/19** (2006.01)

CPC (source: EP US)  
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Citation (search report)

- [X] DE 2652678 A1 19770602 - MERCK & CO INC
- [A] US 3260653 A 19660712 - WILFRIED KAUFMANN, et al
- [A] NL 7800958 A 19780815 - MERCK & CO INC

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BE CH DE FR GB LU NL SE

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**EP 0000931 A1 19790307**; **EP 0000931 B1 19820414**; DE 2861737 D1 19820527; DK 365478 A 19790220; ES 472701 A1 19790216; IE 47315 B1 19840222; IE 781674 L 19790219; IT 1106626 B 19851111; IT 7850747 A0 19780816; JP S5446890 A 19790413; JP S6210639 B2 19870307; PT 68428 A 19780901; US 4162193 A 19790724

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**EP 78100699 A 19780818**; DE 2861737 T 19780818; DK 365478 A 19780818; ES 472701 A 19780818; IE 167478 A 19780818; IT 5074778 A 19780816; JP 10046478 A 19780819; PT 6842878 A 19780816; US 82588377 A 19770819