

Title (en)  
DI- AND TETRA-HYDROBENZO FJQUINOLIN-3-ONES

Title (de)  
DI- UND TETRA-HYDROBENZO-FJCHINOLIN-3-ONE

Title (fr)  
DI- ET TETRA-HYDROBENZO FJQUINOLEIN-3-ONES

Publication  
**EP 0724440 A4 19961120 (EN)**

Application  
**EP 94926534 A 19940819**

Priority  
• GB 9317314 A 19930820  
• US 9409382 W 19940819

Abstract (en)  
[origin: WO9505821A1] Invented are di- and tetra-hydrobenzo[f]quinolin-3-one compounds, pharmaceutical compositions containing these compounds, and methods for using these compounds to inhibit steroid 5- alpha -reductase. Also invented are processes used in preparing these compounds.

IPC 1-7  
**A61K 31/435**; **C07D 221/10**

IPC 8 full level  
**A61K 31/435** (2006.01); **A61P 13/02** (2006.01); **A61P 15/00** (2006.01); **A61P 35/00** (2006.01); **A61P 43/00** (2006.01); **C07D 221/10** (2006.01)

CPC (source: EP)  
**A61P 13/02** (2017.12); **A61P 15/00** (2017.12); **A61P 35/00** (2017.12); **A61P 43/00** (2017.12); **C07D 221/10** (2013.01)

Citation (search report)  
• [X] EP 0531026 A1 19930310 - LILLY CO ELI [US]  
• [X] EP 0532190 A2 19930317 - LILLY CO ELI [US]  
• [X] MICHEL BARON ET AL: "Hétérocycles à fonction quinone.III:Benzo[f]quinoléinediones-7,10,antitumoraux potentiels", EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY CHIMICA THERAPEUTICA., vol. 18, no. 2, 1983, PARIS FR, pages 134 - 138, XP002014528  
• See references of WO 9505821A1

Cited by  
US7202167B2

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9505821 A1 19950302**; AU 7634194 A 19950321; CA 2169750 A1 19950302; CN 1133007 A 19961009; EP 0724440 A1 19960807; EP 0724440 A4 19961120; GB 9317314 D0 19931006; JP H09501695 A 19970218; ZA 946308 B 19950403

DOCDB simple family (application)  
**US 9409382 W 19940819**; AU 7634194 A 19940819; CA 2169750 A 19940819; CN 94193758 A 19940819; EP 94926534 A 19940819; GB 9317314 A 19930820; JP 50767695 A 19940819; ZA 946308 A 19940819