

Title (en)  
GYRASE INHIBITORS AND USES THEREOF

Title (de)  
GYRASE-INHIBITOREN UND IHRE VERWENDUNG

Title (fr)  
INHIBITEURS DE LA GYRASE ET UTILISATIONS DE CES DERNIERS

Publication  
**EP 1251849 A1 20021030 (EN)**

Application  
**EP 01904871 A 20010116**

Priority  
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• US 25433100 P 20001208

Abstract (en)  
[origin: WO0152846A1] Disclosed herein are compounds comprising the pharmacophore features HBA, HBD, Grpl, and at least two features selected from Grp2, Grp3 or Grp4 in which HBA is a hydrogen bond acceptor, HBD is a hydrogen bond donor, and Grps 1-4 are as described in the specification. The compounds are inhibitors of bacterial DNA gyrase and are useful in treating bacterial infections. The pharmacophore features may be used to identify and design new inhibitors.

IPC 1-7  
**A61K 31/4155**; **A61K 31/421**; **A61K 31/422**; **A61K 31/427**; **A61P 31/04**

IPC 8 full level  
**A61K 31/4155** (2006.01); **A61K 31/421** (2006.01); **A61K 31/422** (2006.01); **A61K 31/427** (2006.01); **A61P 31/04** (2006.01); **C12Q 1/25** (2006.01); **G16B 15/20** (2019.01)

CPC (source: EP US)  
**A61K 31/4155** (2013.01 - EP); **A61K 31/421** (2013.01 - EP); **A61K 31/422** (2013.01 - EP); **A61K 31/427** (2013.01 - EP); **A61P 31/04** (2017.12 - EP); **C12Q 1/25** (2013.01 - EP US); **G16B 15/00** (2019.01 - EP); **G16B 15/20** (2019.01 - EP US); **G16B 20/00** (2019.01 - EP); **Y02A 50/30** (2017.12 - EP)

Citation (search report)  
See references of WO 0152846A1

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