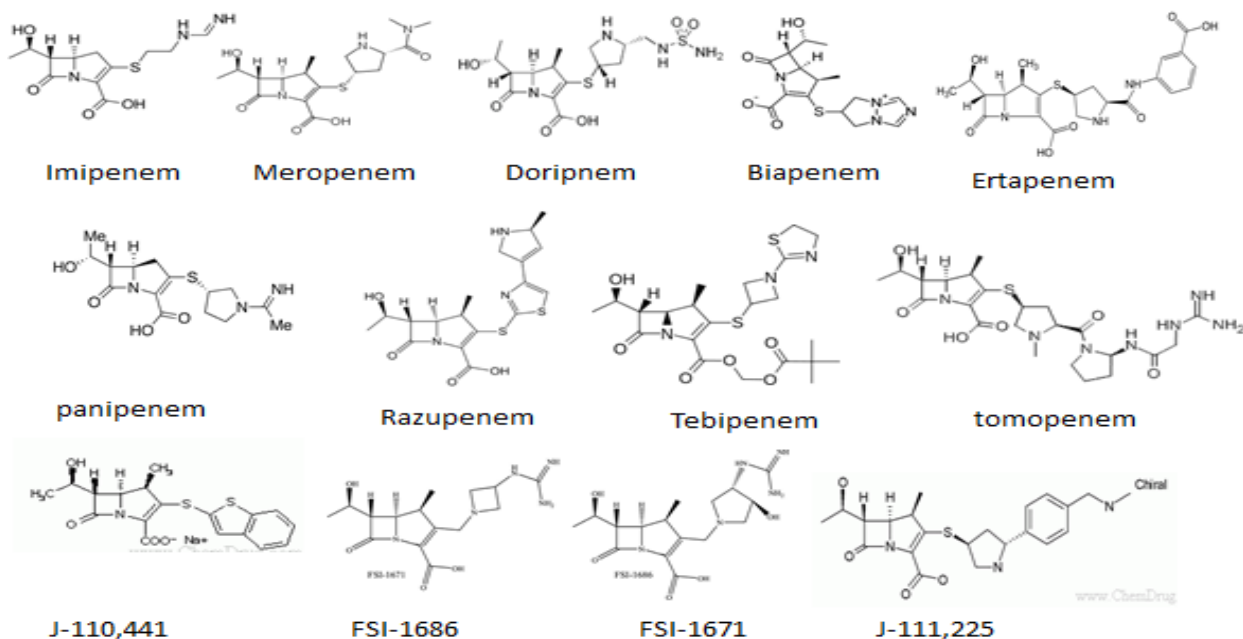


Current Status and Future Prospects of Carbapenem Antibiotics: A Literature Review

Haneen Mohammed ,Noorhan Hisham ,Rand Aladdin ,Amany Bahaeldi, Imen Brahim

Under Supervision of

Dr. Mohammed El-Gamal



Highlights

- The initial discovery and development carbapenems is described
- The synthesis, SAR, in vitro-in vivo activities, resistance studies, and clinical trials for traditional carbapenem antibiotics in the market has been reviewed
- Newer agents that have recently reached the markets, and others whose development has been discontinued are revealed in this review .
- Novel carbapenems that are still under clinical research are discussed