

Review Inchemical Structures of Drugs

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Abstract

Our review concerned with chemical structures of some drugs in pharmaceutical fields, some of them used in synthetic field and in synthesis of many drugs and antibiotics.

Keywords: structures, common.

1. Introduction

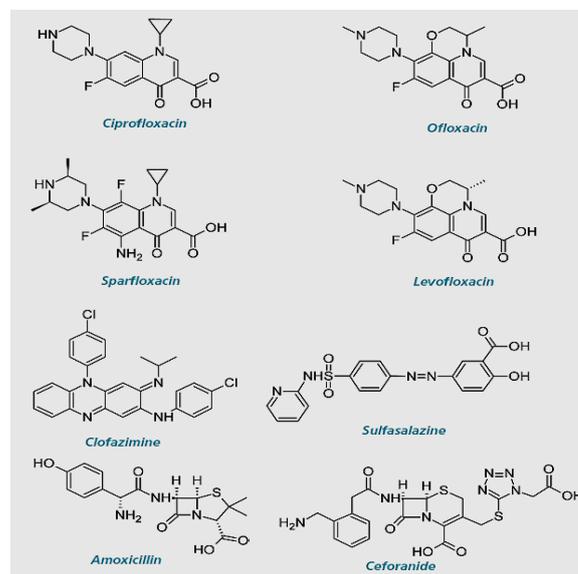
Drug discovery is the process of finding new drugs and antibiotics, some of drugs resulted from natural contents or industrial contents⁽¹⁻⁶⁾ like morphine from poppy seeds.



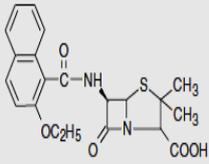
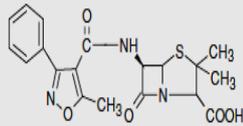
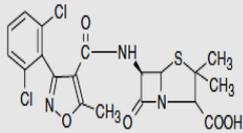
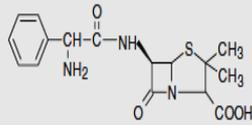
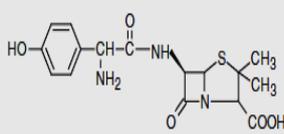
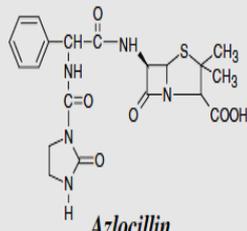
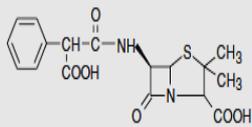
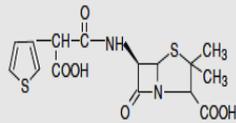
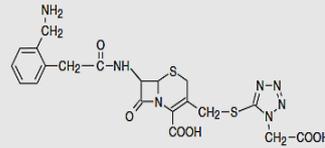
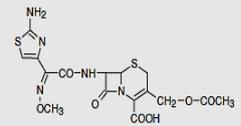
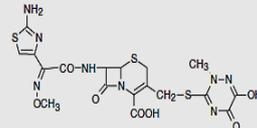
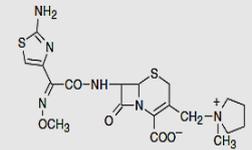
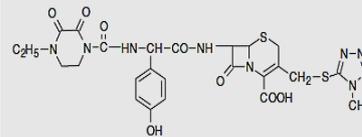
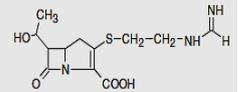
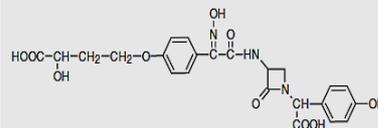
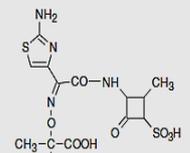
All drugs are chemical compounds prepared from chemical reactions like condensation reaction, cyclization reaction, elimination reaction, substitution reaction, and all most drugs used in many reaction to formation antibiotics⁽⁷⁻¹²⁾ and other drugs.

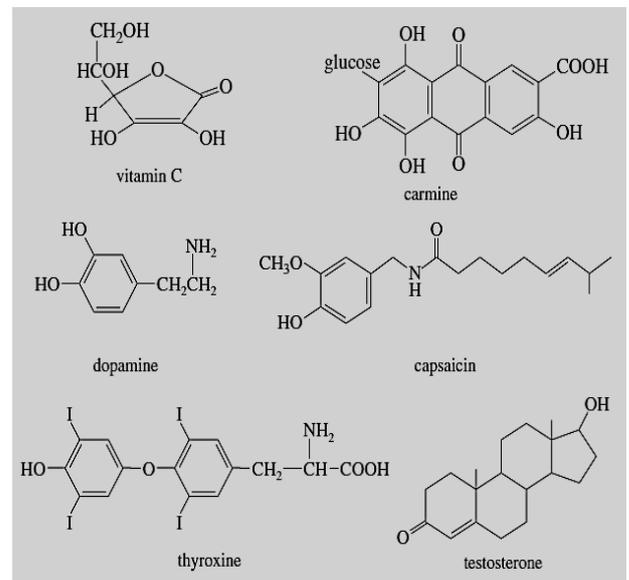
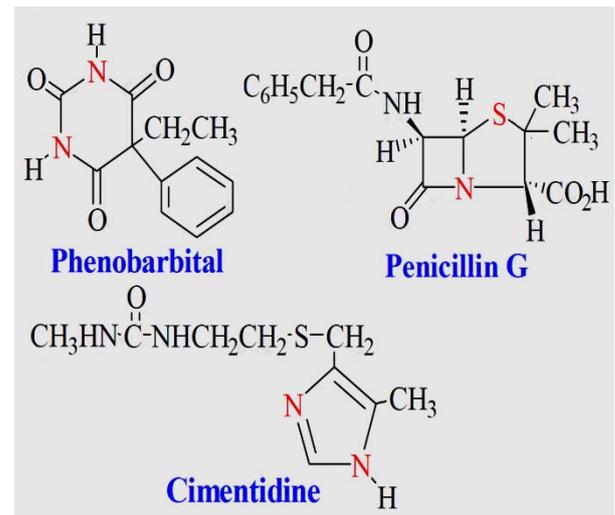
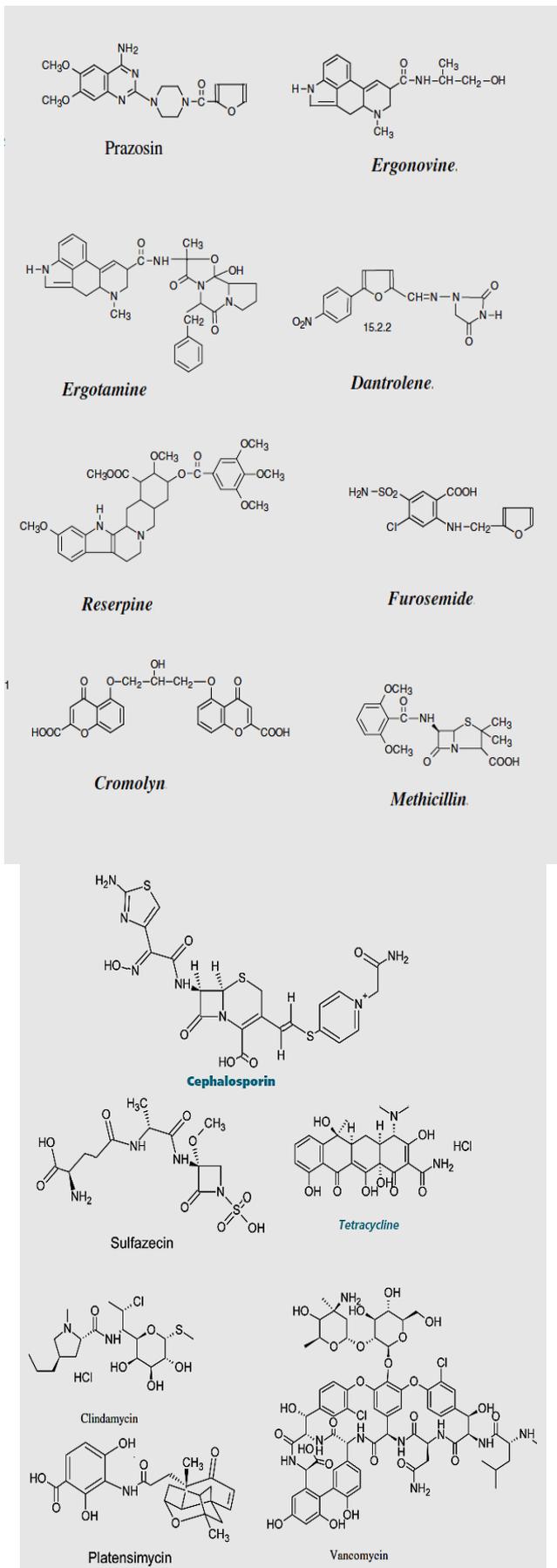
Drugs or Antibiotics are a group of medical compounds that are used to treat infections caused by bacteria⁽⁹⁻¹⁸⁾ and fungi.

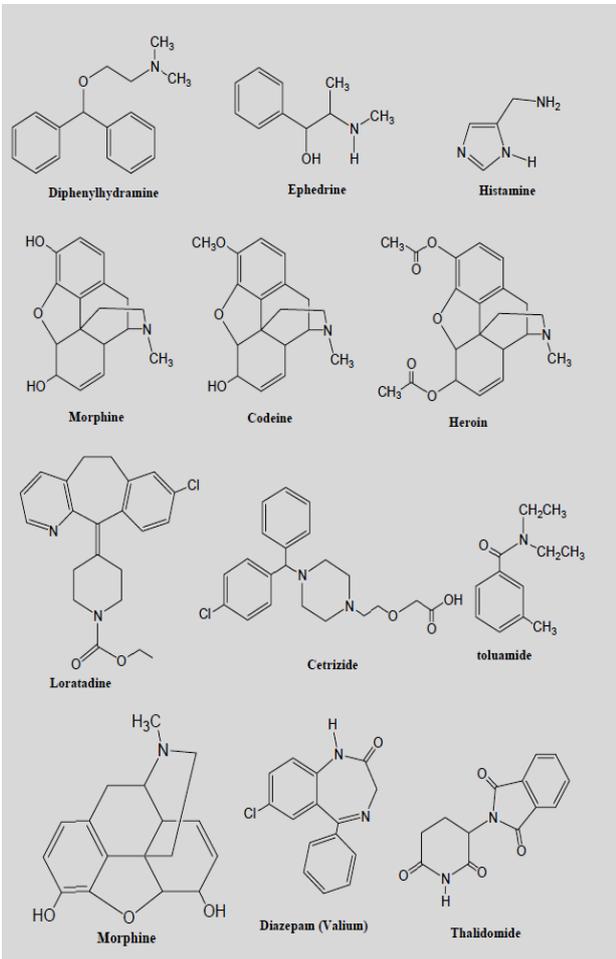
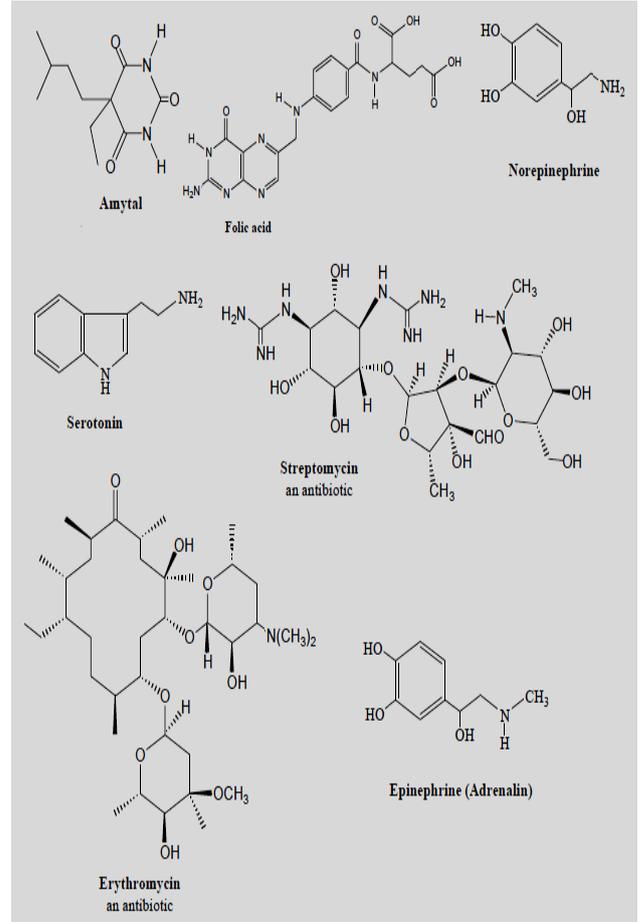
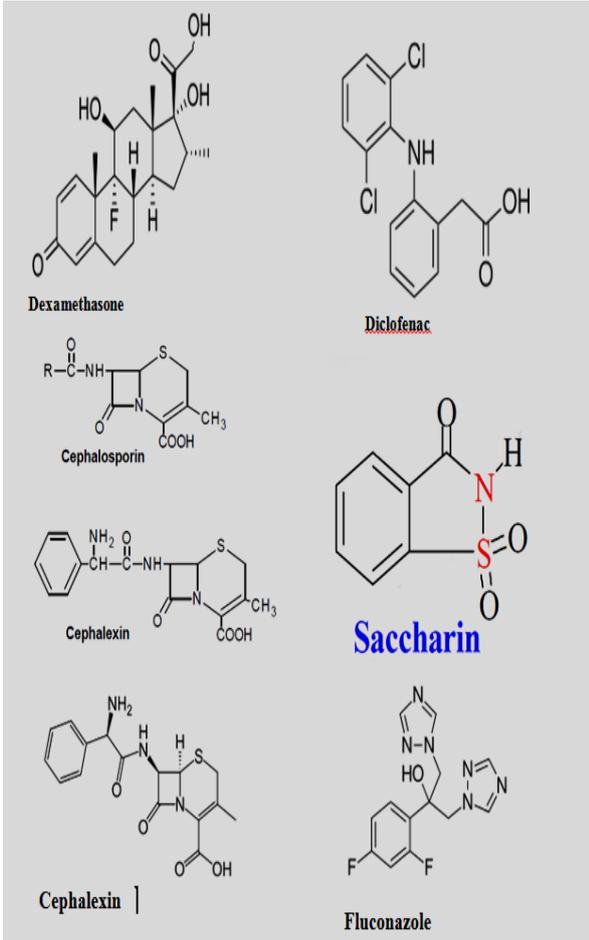
Index^(4,6) of Common drugs, Antibiotics for interesting, collected from references:

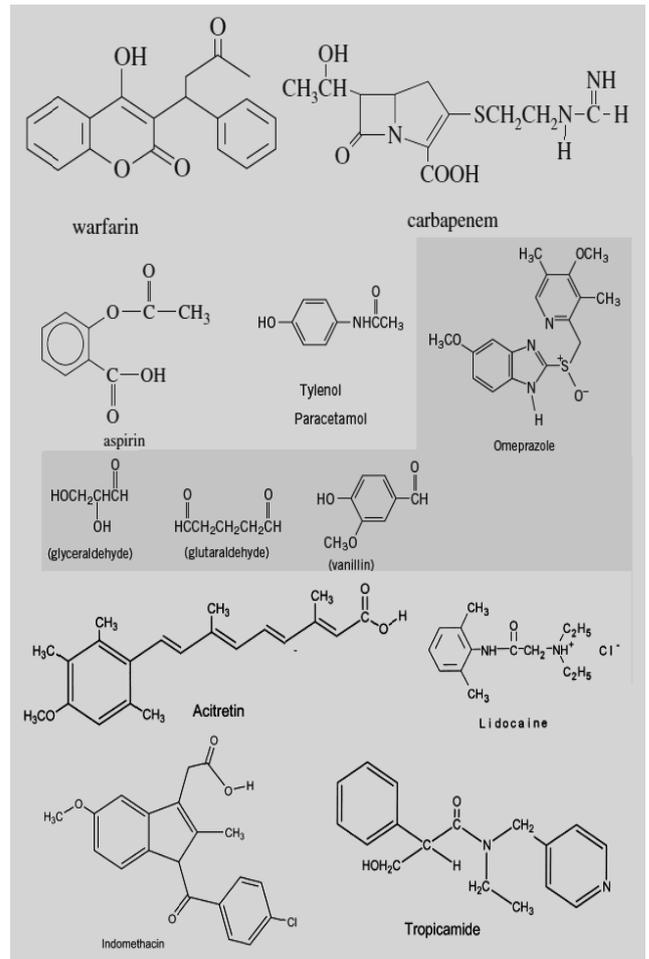
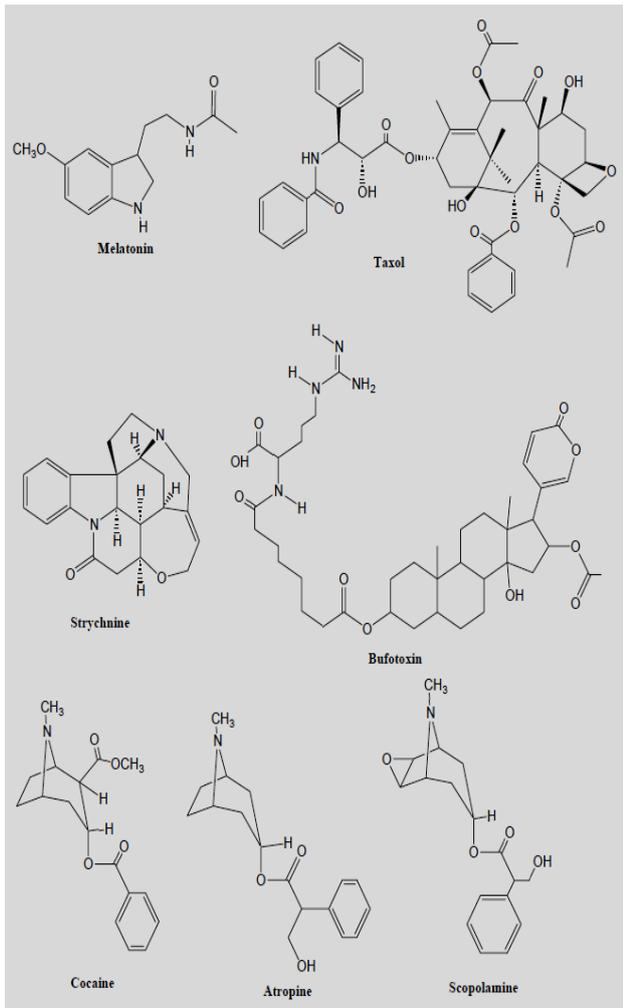


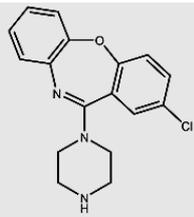
Some of drugs involved functional groups in their structures which used in synthesis of other drugs and antibiotics like:

*Nafcillin**Oxacillin**Dicloxacillin**Ampicillin**Amoxicillin**Azlocillin**Carbenicillin**Ticarcillin**Ceforanide**Cefotaxime**Ceftriaxone**Cefepime**Cefoperazone**Imipenem**nocardicin A**Aztreonam*

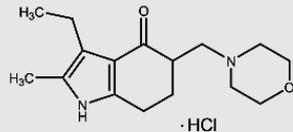




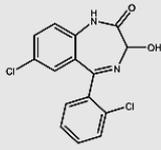




Amoxapine



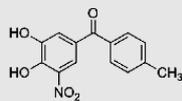
Molindone Hydrochloride



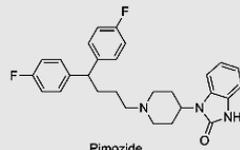
Lorazepam



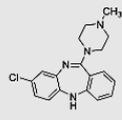
Midazolam



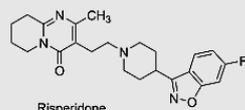
Tolcapone



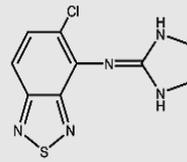
Pimozide



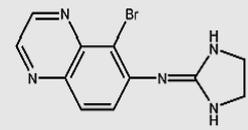
Clozapine



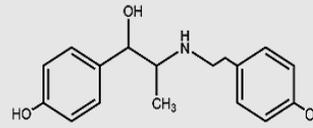
Risperidone



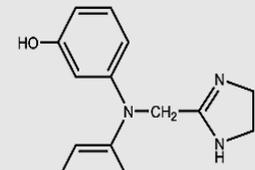
Tizanidine



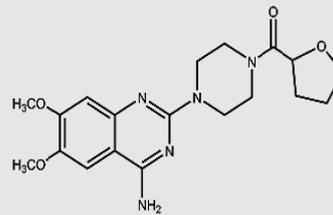
Brimonidine



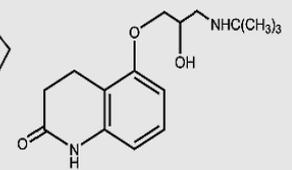
Ritodrine



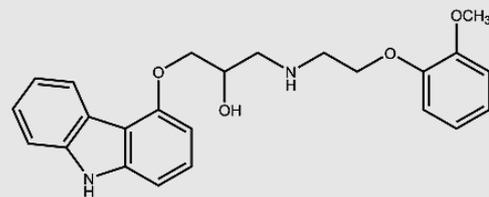
Phentolamine



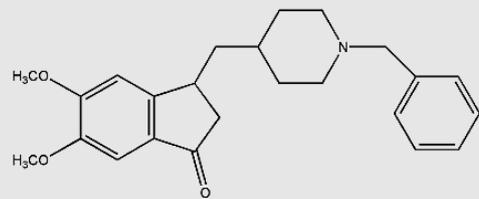
Terazosin



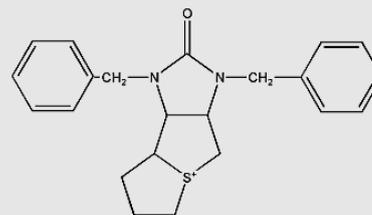
Carteolol



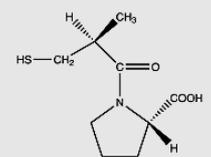
Carvedilol



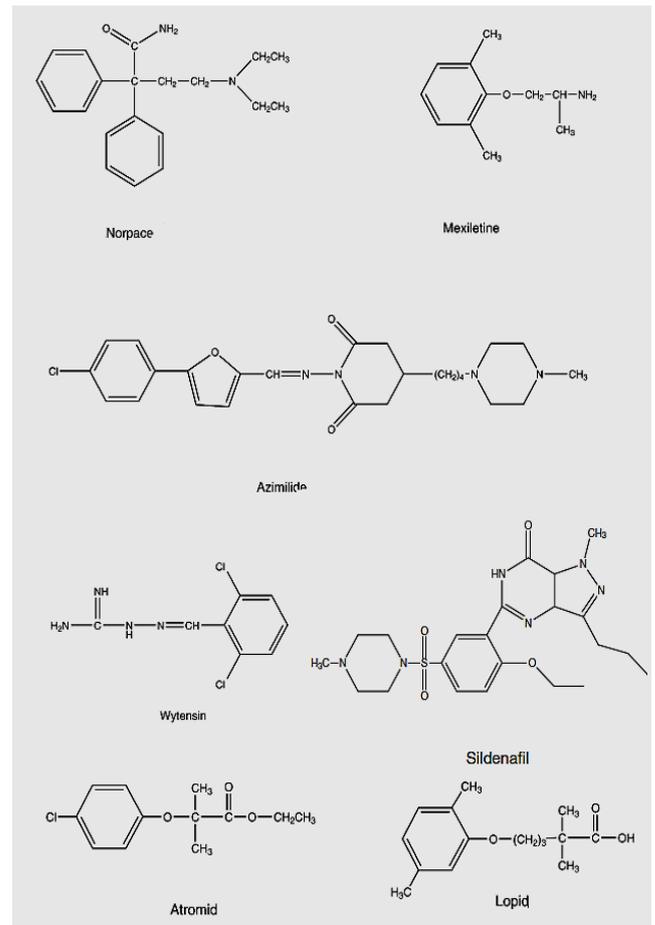
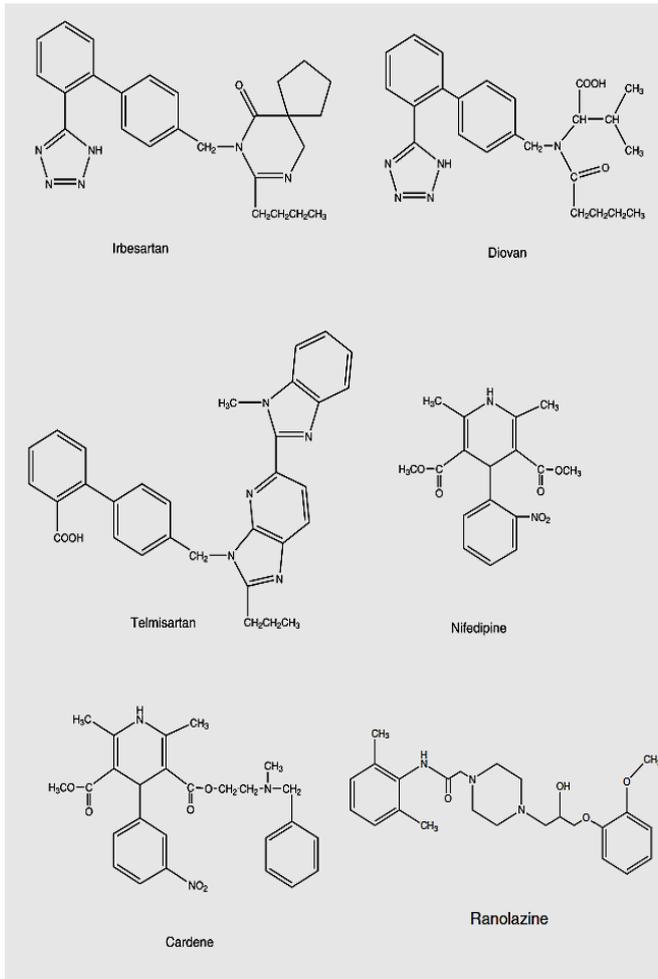
Donepezil

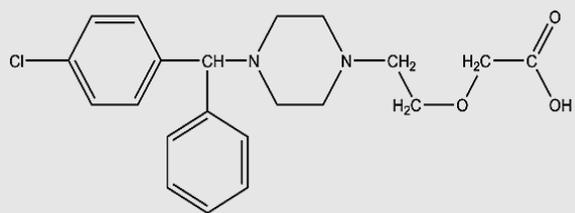


Trimethaphan Camsylate

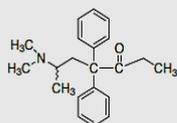


Capoten

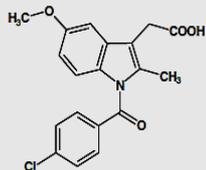




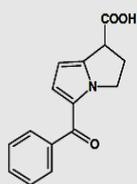
Cetirizine



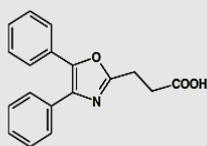
Methadone



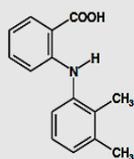
Indomethacin



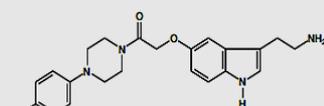
Ketorolac



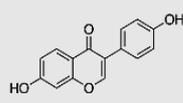
Oxaprozin



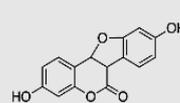
Mefenamic acid



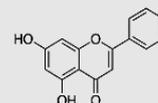
Donitriptan



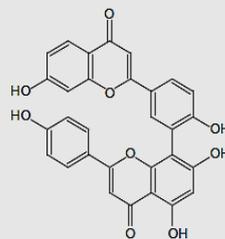
Daidzein



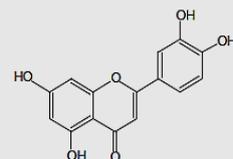
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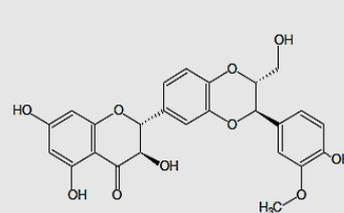
Chrysin



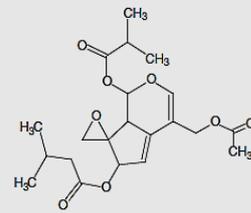
Biapigenin



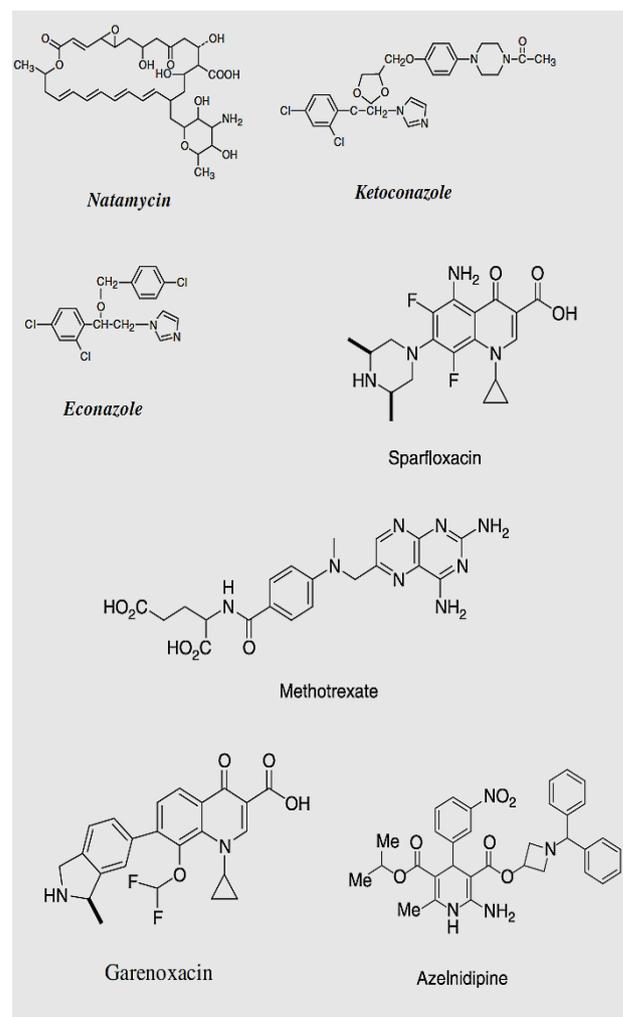
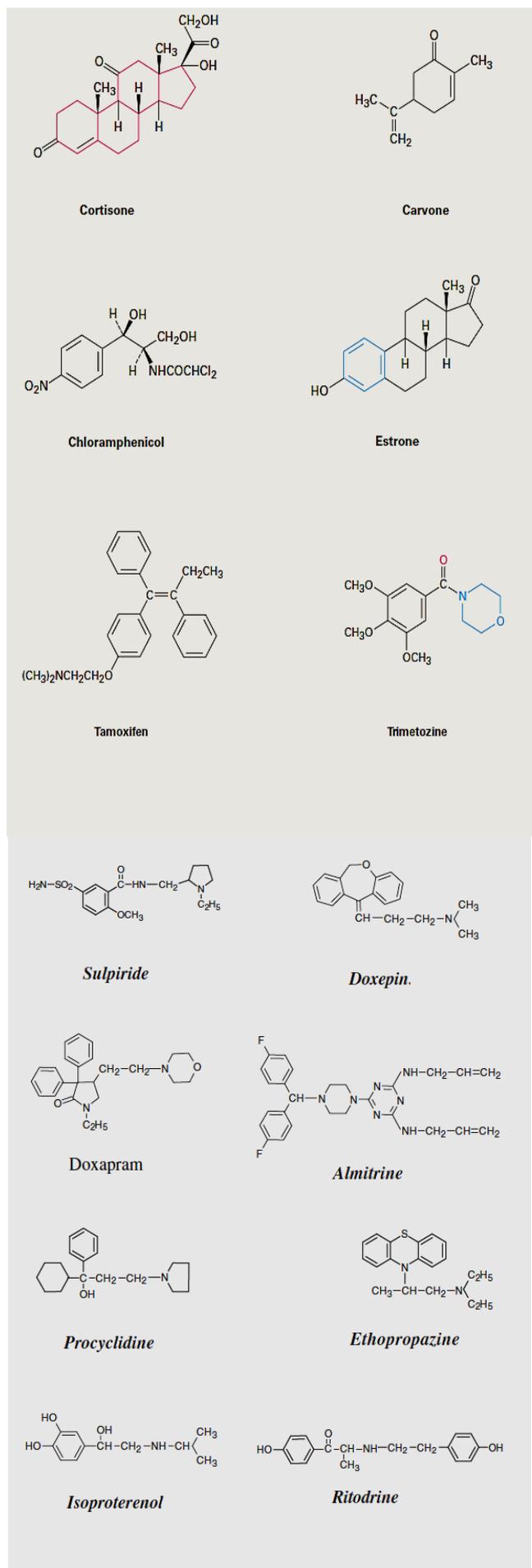
Luteolin



Silymarin



Valepotriolate



2. Conclusion

All drugs are chemical compounds prepared from chemical reactions like condensation reaction, cyclization reaction, elimination reaction, substitution reaction, and all most drugs used in many reaction to formation antibiotics and other drugs.

References

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