

PHARMACOSTRUCTURAL INDEX

This index is a compilation of drugs published as monographs during the year in *Drugs of the Future*. Drugs are arranged in pharmacological groups together with their structural formulas or description to facilitate easy self-instruction of biological activities as they relate to molecular structural features.

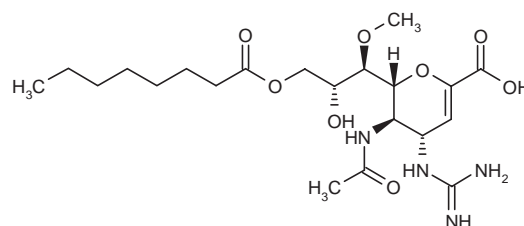
ANALGESIC AND ANESTHETIC DRUGS

Treatment of Pain

1. Tanezumab

Immunoglobulin G₂, anti-(human nerve growth factor) (human-mouse monoclonal RN624 heavy chain), disulfide with human-mouse monoclonal RN624 light chain, dimer

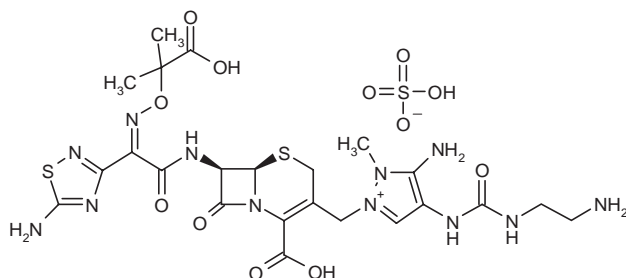
2. Laninamivir Octanoate



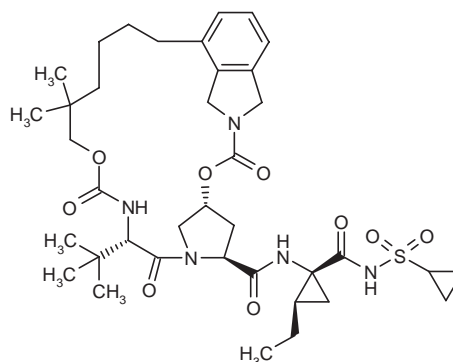
ANTI-INFECTIVE THERAPY

Antibiotics and Antibacterial Drugs

1. CXA-101



3. Vaniprevir

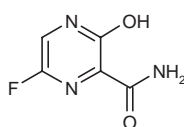


2. Raxibacumab

Human monoclonal antibody to *Bacillus anthracis* protective antigen

Antiviral Drugs

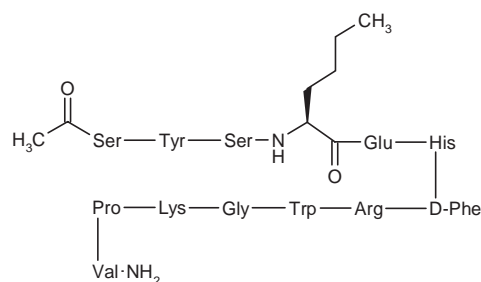
1. Favipiravir



DERMATOLOGIC DRUGS

Treatment of Photodamage

1. Afamelanotide



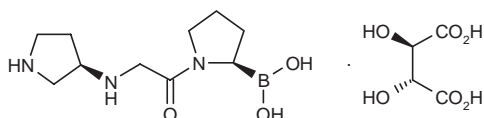
ENDOCRINE DRUGS

Treatment of Diabetes

1. Albiglutide

([8-Glycine]human glucagon-like peptide 1-(7-36)-peptidyl)([8-glycine]-human glucagon-like peptide 1-(7-36)-peptidyl)(recombinant human albumin (585 residues))

2. Dutoglipin Tartrate



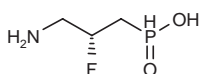
3. rhGAD65

Recombinant human glutamic acid decarboxylase (GAD) 65 kD isoform

GASTROINTESTINAL DRUGS

Treatment of Gastroesophageal Reflux

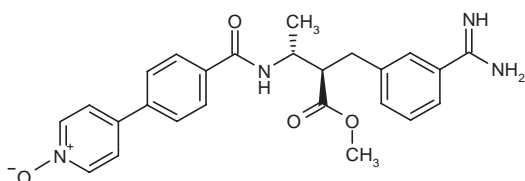
1. Lesogaberan



HEMATOLOGIC DRUGS

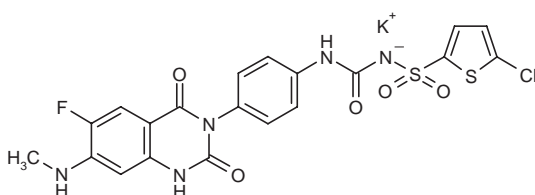
Anticoagulants

1. Otamixaban



Antiplatelet Drugs

1. Elinogrel Potassium



IMMUNOMODULATORS

Treatment of Autoimmune Disorders

1. Teplizumab

Immunoglobulin G₁, anti-(human CD3 (antigen) ϵ -chain) (human-mouse monoclonal MGA031 heavy chain), disulfide with human-mouse monoclonal MGA031 light chain, dimer

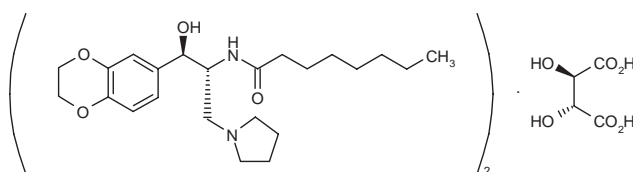
2. XOMA-052

Humanized IgG₂ monoclonal antibody against human interleukin-1 β

METABOLIC DRUGS

Treatment of Gaucher Disease

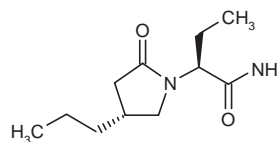
1. Eliglustat Tartrate



NEUROLOGIC DRUGS

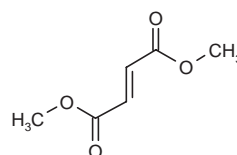
Antiepileptic Drugs

1. Brivaracetam



Treatment of Multiple Sclerosis

1. BG-12



OCULAR MEDICATIONS

Treatment of Leber's Congenital Amaurosis

1. rAAV2-CBSB-hRPE65

Recombinant adeno-associated serotype 2 (rAAV-2) virus vector that carries the RPE65 gene, encoding a retinal pigment epithelium (RPE)-specific human retinoid isomerohydrolase, under the control of a cytomegalovirus immediate early enhancer and a chicken β -actin promoter

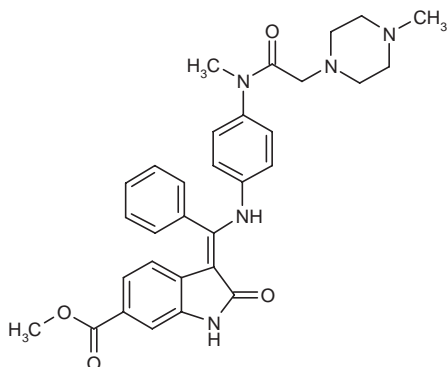
ONCOLYTIC DRUGS

Oncolytic Drugs

1. Astuprotimut-R

Vaccine consisting of a recombinant fusion protein composed of a partial sequence of the protein D antigen of *Haemophilus influenzae* fused to MAGE-3 protein

2. BIBF-1120



3. Brentuximab Vedotin

Immunoglobulin G_1 , anti-(human CD30 (antigen)) (human-mouse monoclonal cAC10 γ_1 -chain), disulfide with human-mouse monoclonal cAC10 κ -chain, dimer, complex with N-[[[4-[[N-[6-(2,5-dihydro-2,5-dioxo-1H-pyrrol-1-yl)-1-oxohexyl]-L-valyl-N⁵-(aminocarbonyl)-L-ornithyl]amino]phenyl]methoxy]carbonyl]-N-methyl-L-valyl-N-[(1S,2R)-4-[(2S)-2-[(1R,2R)-3-[(1R,2S)-2-hydroxy-1-methyl-2-phenylethyl]amino]-1-methoxy-2-methyl-3-oxopropyl]-1-pyrrolidinyl]-2-methoxy-1-[(1S)-1-methylpropyl]-4-oxobutyl]-N-methyl-L-valinamide

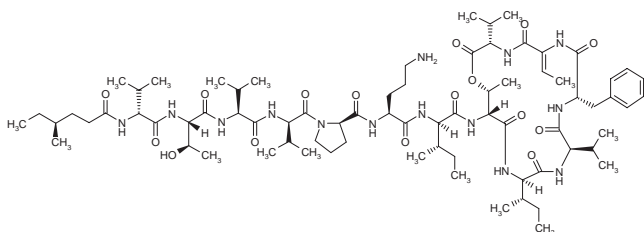
4. Cixutumumab

Immunoglobulin G_1 , anti-(human insulin-like growth factor I receptor) (human monoclonal IMC-A12 γ -chain), disulfide with human monoclonal IMC-A12 λ -chain, dimer

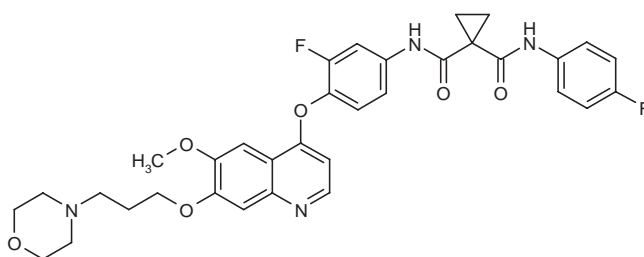
5. Dalotuzumab

Immunoglobulin G_1 , anti-(human insulin-like growth factor I receptor) (human-mouse monoclonal heavy chain), disulfide with human-mouse monoclonal κ -chain, dimer

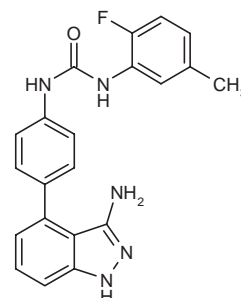
6. Elisidepsin



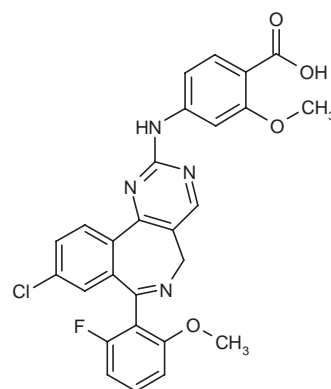
7. Foretinib



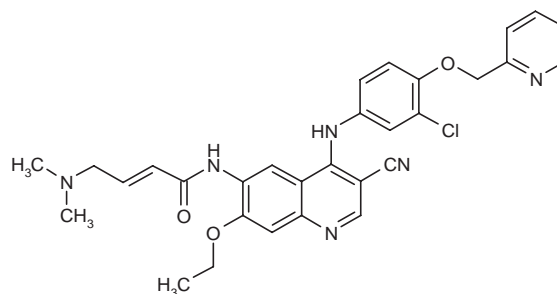
8. Linifanib



9. MLN-8237



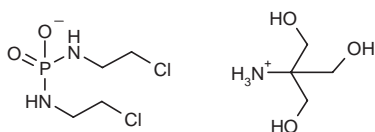
10. Neratinib



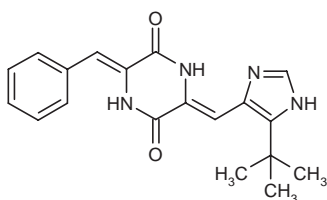
11. OncoVEX^{GM-CSF}

ICP34.5- and ICP47-deleted oncolytic herpes simplex virus 1 (HSV-1) carrying the human GMCSF gene

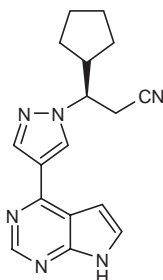
12. Palifosfamide lysine



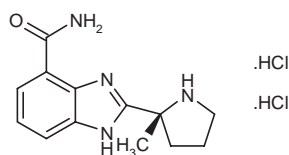
13. Plinabulin



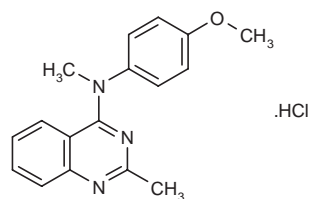
14. Ruxolitinib



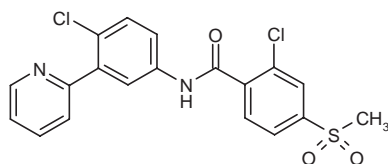
15. Veliparib Hydrochloride



16. Verubulin Hydrochloride



17. Vismodegib



18. Volociximab

Immunoglobulin G₄, anti-(human $\alpha_5\beta_1$ integrin) (human-mouse clone p200-M heavy chain), disulfide with human-mouse clone P200-M κ -chain, dimer

RESPIRATORY DRUGS

Treatment of Allergic Rhinitis

1. Bilastine

