

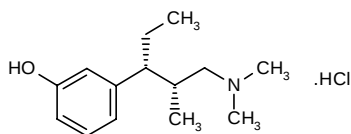
# PHARMACOSTRUCTURAL INDEX

*In this index 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

### Analgesic Drugs

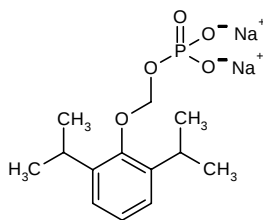
1. Tapentadol Hydrochloride



(1)

### Anesthetic Drugs

1. Fospropofol Disodium

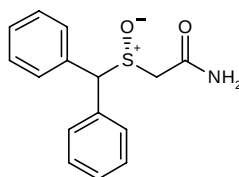


(1)

## PSYCHOPHARMACOLOGIC DRUGS

### Treatment of Sleep Disorders

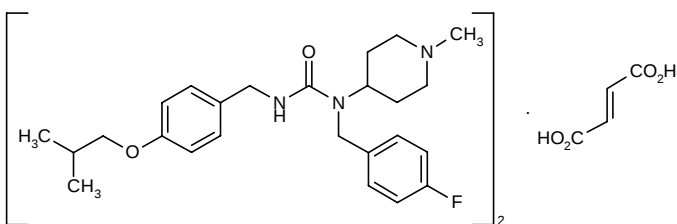
1. Armodafinil



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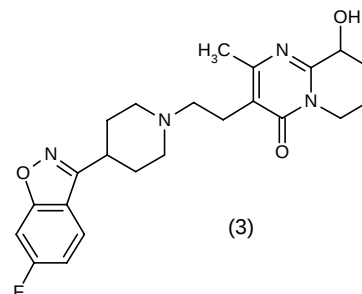
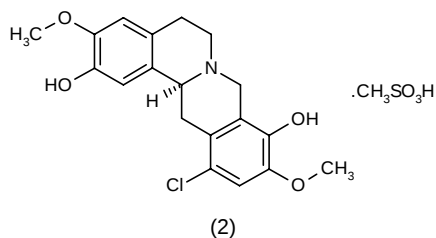
### Antipsychotic Drugs

1. ACP-103



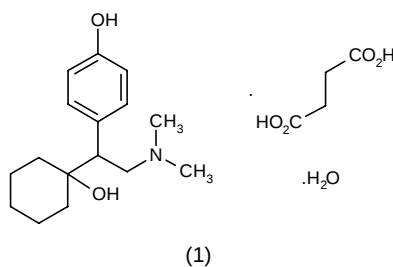
(1)

2. *l*-Chloroscoulerine Mesylate
3. Paliperidone



## Antidepressants

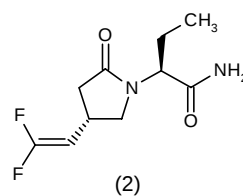
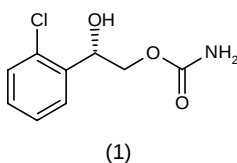
1. Desvenlafaxine Succinate



## NEUROLOGIC DRUGS

### Antiepileptic Drugs

1. RWJ-333369
2. Seletacetam



### Antiparkinsonian Drugs

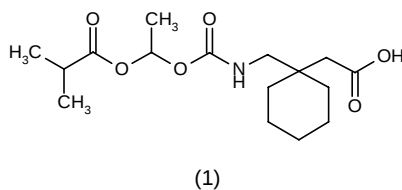
1. CERE-120

Adeno-associated virus type 2 vector encoding a modified human neurturin (*NRTN*) gene that carries the prepro domain of human nerve growth factor  $\beta$  (NGF)

(1)

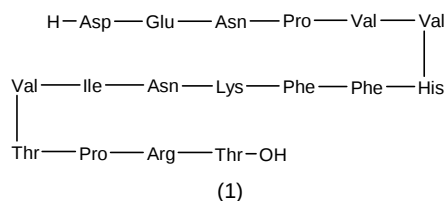
### Treatment of Restless Legs Syndrome

1. Gabapentin Enacarbil



## Treatment of Multiple Sclerosis

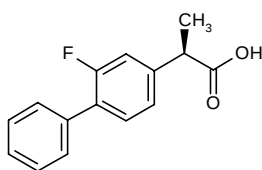
### 1. MBP-8298



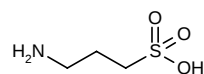
## Treatment of Cognition Disorders

### 1. MPC-7869

### 2. Tramiprosate



(1)

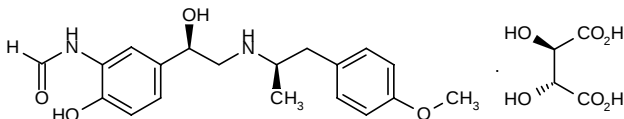


(2)

## RESPIRATORY DRUGS

## Treatment of Chronic Obstructive Pulmonary Disease

### 1. Arformoterol Tartrate



(1)

## CARDIOVASCULAR DRUGS

## Antihypertensive Agents

### 1. MC-4232

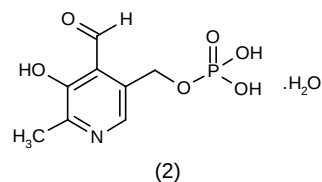
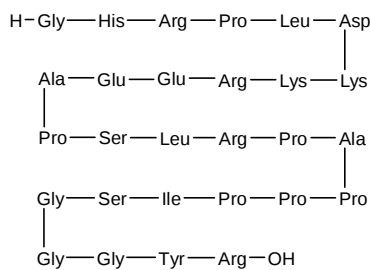
Combination of MC-1 (see below) and lisinopril

(1)

## Treatment of Disorders of the Coronary Arteries and Atherosclerosis

### 1. FX06

### 2. MC-1



(2)

## HEMATOLOGIC DRUGS

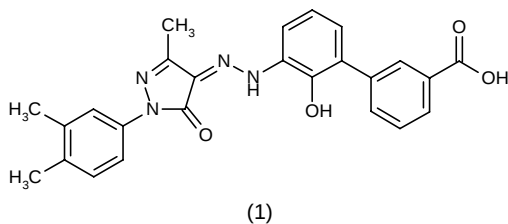
### Antianemics

1. CERA

Continuous erythropoietin receptor activator  
(1)

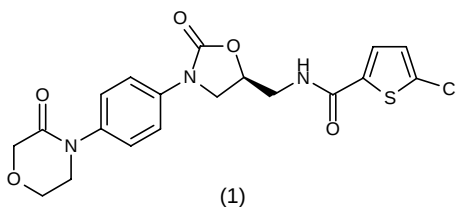
### Antithrombocytopenic Agents

1. Eltrombopag



### Anticoagulants

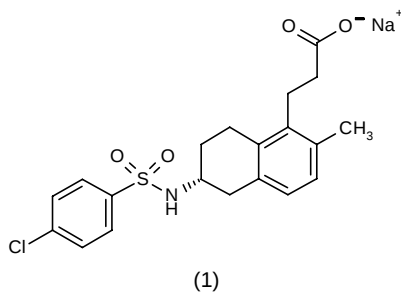
1. Rivaroxaban
2. rNAPc2



Recombinant protein NAP (nematode-extracted anticoagulant protein) (*Ancylostoma caninum* gene NAPc2 fragment)  
(2)

### Antithrombotic Agents

1. Terutroban Sodium



### Thrombolytic Agents

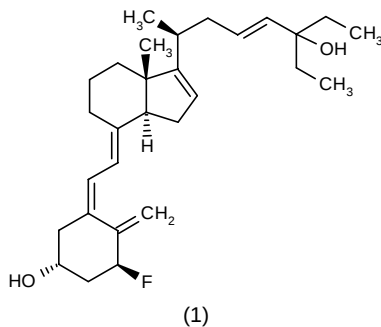
1. Desmoteplase

Recombinant protein corresponding to a natural plasminogen activator (isoform  $\alpha_1$ ) from the saliva of the vampire bat *Desmodus rotundus*  
(1)

## RENAL-UROLOGIC DRUGS

### Treatment of Benign Prostatic Hyperplasia

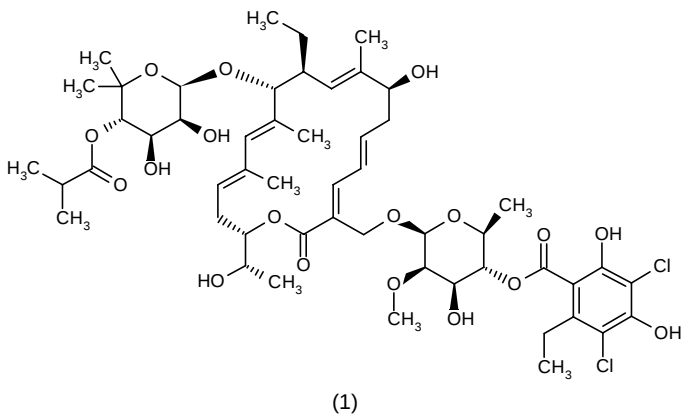
#### 1. Elocalcitol



## GASTROINTESTINAL DRUGS

### Antidiarrheal Agents

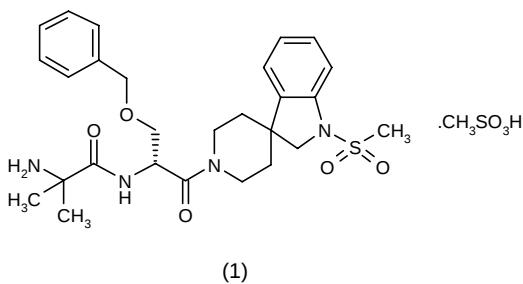
#### 1. Tiacumicin B



## ENDOCRINE DRUGS

### Treatment of Growth Hormone Secretion Disorders

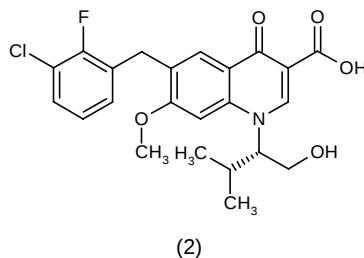
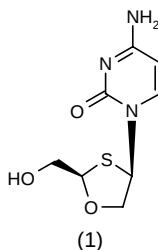
#### 1. Ibutamoren Mesilate



## ANTIINFECTIVE THERAPY

### AIDS Medicines

1. Apricitabine
2. GS-9137
3. Vacc-4x

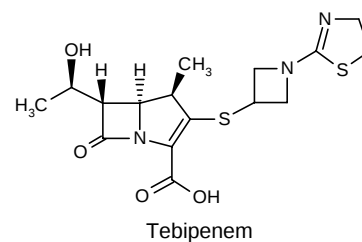
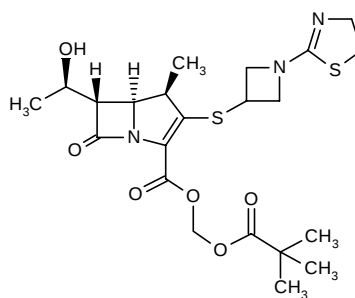
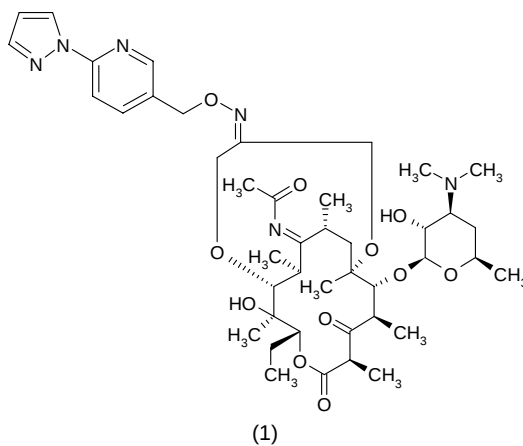
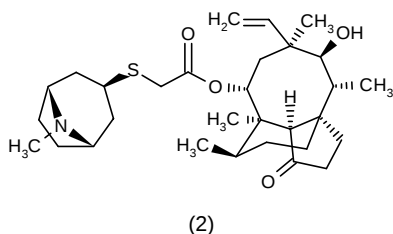


HIV-1 immunotherapeutic comprised of four water-soluble synthetic peptides (vac-10, -11, -12 and -13) each corresponding to conserved domains on the HIV-1 p24 capsid protein and modified to improve immunogenicity

(3)

### Antibiotics

1. EDP-420
2. Retapamulin
3. Tebipenem Pivoxil/Tebipenem

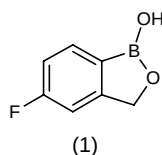


Tebipenem Pivoxil

(3)

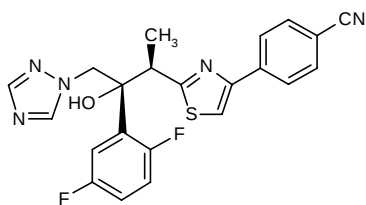
### Antifungal Agents

1. AN-2690

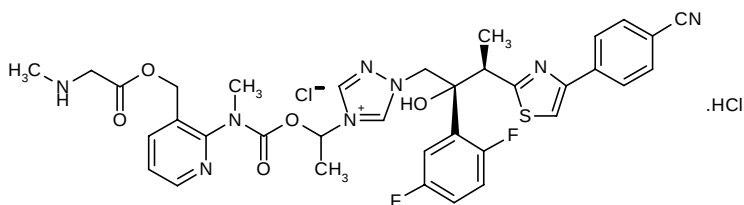


2. BAL-4815/BAL-8557

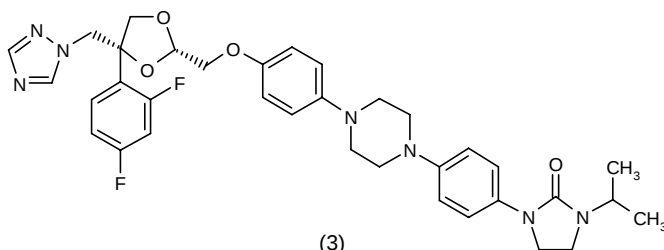
3. R-126638



BAL-4815



BAL-8557



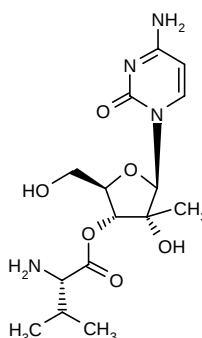
(3)

## Antiviral Drugs

1. Gardasil™
2. Valopicitabine

Quadrivalent human papillomavirus (HPV) (types 6, 11, 16, 18) L1 virus-like particle (VLP) vaccine formulated with aluminum hydroxyphosphate sulfate adjuvant

(1)



(2)

## TREATMENT OF MUSCULOSKELETAL AND CONNECTIVE TISSUE DISORDERS

### Antiarthritic Drugs

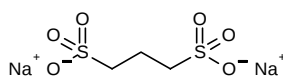
1. Abatacept

1-25-Oncostatin M (human precursor) fusion protein with CTLA-4 (antigen) fusion protein with immunoglobulin G<sub>1</sub> (human heavy chain fragment)

(1)

### Treatment of Amyloid A Amyloidosis

1. Eprodissate Sodium



(1)

## ONCOLYTIC DRUGS

## Cancer Immunotherapy

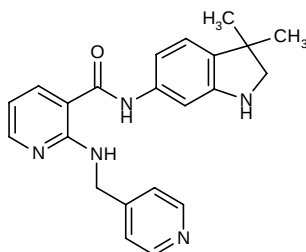
- ## 1. Ipilimumab

Immunoglobulin G<sub>1</sub>, anti-(human CTLA-4 [antigen]) (human  $\gamma_1$ -chain), disulfide with human  $\kappa$ -chain, dimer

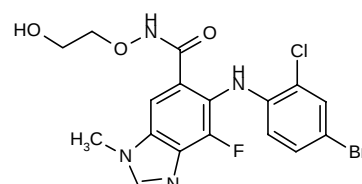
(1)

## Oncolytic Drugs

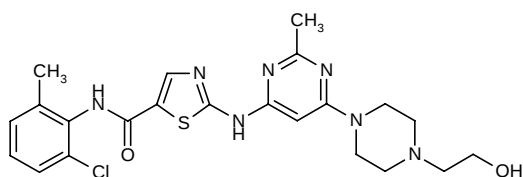
1. AMG-706
2. AZD-6244
3. Dasatinib
4. Degarelix Acetate
5. Ispinesib Mesilate
6. Nelarabine
7. Pazopanib Hydrochloride
8. Relacatib



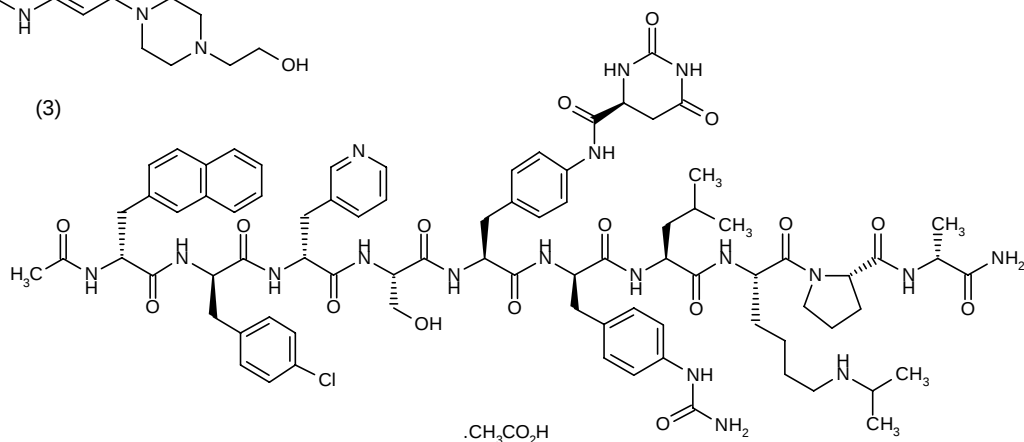
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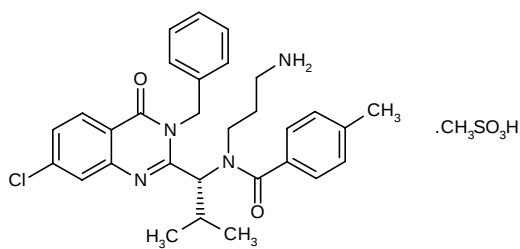
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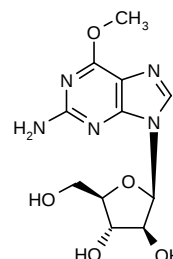
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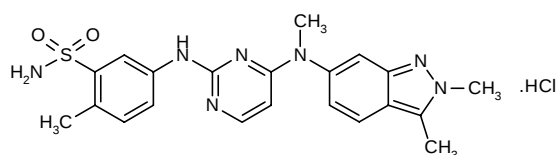
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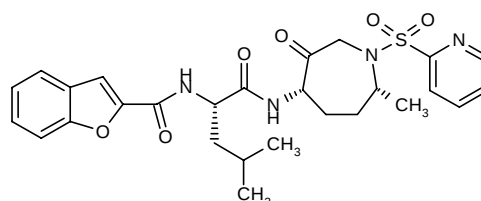
(5)



(6)



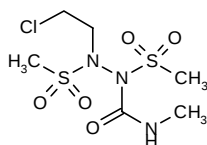
(7)



(8)

9. Tocosol® Paclitaxel  
10. VNP-40101M

Cremophor-free, vitamin E-based paclitaxel emulsion  
(9)



(10)

## Treatment of Mucositis

1. Velafermin

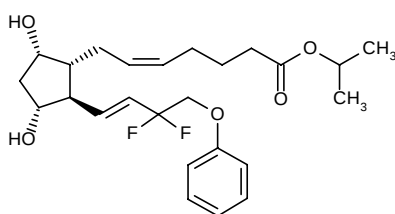
Recombinant human fibroblast growth factor-20

(1)

## OCULAR MEDICATIONS

### Antiglaucoma Agents

1. Tafluprost

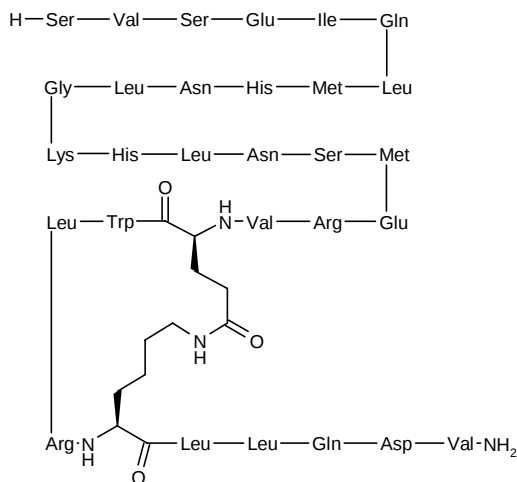


(1)

## METABOLIC DRUGS

### Treatment of Osteoporosis

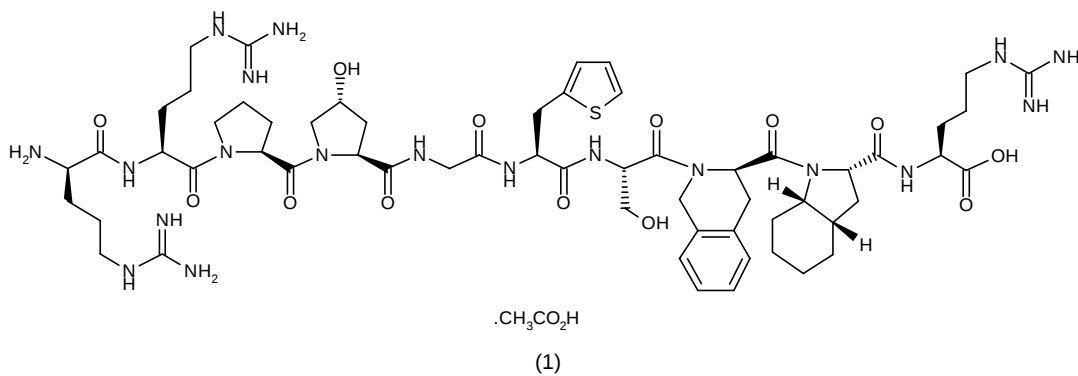
1. Ostabolin-C™



(1)

## Treatment of Inborn Errors of Metabolism

### 1. Icatibant Acetate



## TREATMENT OF POISONING, DRUG ABUSE AND DEPENDENCY

### Aids to Smoking Cessation

1. NicVAX™
2. Varenicline Tartrate

Nicotine conjugate vaccine consisting of the hapten 3'-aminomethylnicotine conjugated through a succinic acid linker to recombinant *Pseudomonas aeruginosa* exoprotein A (rEPA)

(1)

