

Raw Materials Index

These volumes have been cross indexed by raw material. The only exceptions are those few materials which are extracted from plant or animal sources or which are produced by fermentation. These are listed separately. Each raw material is followed by the name(s) of the pharmaceutical(s) produced from it.

The question arises of course of how far back to go in the raw material chain. It has been the attempt, where information was available, to go back to reasonably simple raw materials such as benzene.

FERMENTATION OR EXTRACTION

Aceituno meal, by extraction	Daunorubicin
Glaucarubin	Demeclocycline HCl
Ammi visnaga plants, by extraction	Desoximetasone
Visnadine	Dextran 40
Amphomycin, by fermentation	Doxorubicin
Amphomycin calcium	Enviomycin
Beef blood, by extraction	Erythromycin
Orgotein	Floxuridine
Beef intestine, by extraction	Flunisolide
Heparin	Fructose
Beef pancreas glands, by extraction	Fumagillin
Insulin	Fusafungine
Carbohydrates, by fermentation or extraction	Gentamicin sulfate
Aclarubicin	Gramicidin
Acetyl digitoxin	Griseofulvin
Amphomycin calcium	Inositol
Amphotericin B	Kanamycin sulfate
Asparaginase	Lincomycin
Bacitracin	Mannitol
Bekanamycin sulfate	Methandrostenolone
Candidin	Methylprednisolone
Capreomycin sulfate	Micronomicin
Carbomycin	Midecamycin
Chlortetracycline	Mitomycin
Citicoline	Natamycin
Clavulanic acid	Neomycin
Cycloserine	Novobiocin
Cyclosporin	Nystatin
Dactinomycin	Oleandomycin

- Oxamniquine
 Oxytetracycline
 Paromomycin
 Penicillin O
 Phytate sodium
 Polymyxin
 Ribostamicin
 Salicylic acid
 Sisomicin
 Spectinomycin
 Spiramycin
 Stallimycin HCl
 Streptokinase
 Streptomycin
 Streptozocin
 Testolactone
 Tetracycline
 Triamcinolone
 Tubocurarine chloride
 Viomycin
 Ubidecarenone
 Vancomycin
 Vidarabine
 Viomycin
 Zeranol
 Chondrodendron tomentosum
 plant, by extraction
 Tubocurarine chloride
 Cytidine-5'-monophosphate, by
 fermentation
 Citicoline
 Digitalis ferrugineae leaves, by extraction
 Acetyldigoxin
 Hog ovaries, by extraction
 Relaxin
 Human pituitary glands, by extraction
 Somatotropin
 Kidneys, animal, by fermentation
 Interferon
 Microorganisms, by fermentation
 Actinomyces antibioticus
 Dactinomycin
 Actinomyces vinaceus
 Viomycin
 Aspergillus fumigatus
 Fumagillin
 Aspergillus sclerotiorum Huber
 Oxamniquine
 Bacillus lentus
 Desoximetasone
 Diflucortolone valerate
 Bacillus polymyxa
 Polymyxin
 Bacillus sphaericus var *fusiformis*
 Meprednisone
 Bacillus subtilis
 Bacitracin
 Brevibacterium ammoniagens
 Citicoline
 Corynebacterium simplex
 Fluocortolone
 Prednisolone
 Prednisone
 Triamcinolone
 Curvularia lunata
 Desoximetasone
 Fluocortolone
 Cunninghamella blakesleeana
 Hydrocortisone
 Cylindrocarpon lucidum fungus,
 (NRRL 5760)
 Cyclosporin
 Cylindrocarpon radicola
 Testolactone
 Didymella lycopersici
 Methandrostenolone
 Erwinia bacteria
 Asparaginase
 Fusarium lateritium
 Fusafungine
 Gibberella zeae
 Zeranol
 Leuconostoc mesenteroides
 Dextran 40
 Fructose
 Micromonospora inyoensis
 Sisomicin
 Micromonospora purpurea
 Gentamicin sulfate
 Micromonospora sagamiensis
 Micronomicin
 Penicillium bacterium
 Penicillin O
 Penicillium patulum
 Griseofulvin
 Pseudomonas bacterium
 Salicylic acid
 Semliki Forest arborvirus
 Interferon
 Septomyxa affinis
 Fluprednisolone
 Methylprednisolone
 Sporidiobolus ruinenii
 Ubidecarenone
 Streptococcus fecalis
 Floxacillin
 Streptococcus haemolyticus
 Streptokinase
 Streptomyces achromogenes
 Streptozocin
 Streptomyces ambofaciens
 Spiramycin
 Streptomyces antibioticus
 Oleandomycin
 Vidarabine
 Streptomyces aureofaciens
 Chlortetracycline
 Demeclocycline HCl
 Tetracycline

Microorganisms, by fermentation (cont'd)

- Streptomyces caespitosus*
 Mitomycin
Streptomyces capreolus
 Capreomycin sulfate
Streptomyces clavuligerus
 Clavulanic acid
Streptomyces distallicus
 Stallimycin HCl
Streptomyces erythreus
 Erythromycin
Streptomyces fradiae
 Neomycin
Streptomyces gilvosporeus
 Natamycin
Streptomyces griseoverticillatus
 var. *tuberciticus*
 Enviomycin
Streptomyces griseus No. 3570
 Candicidin
Streptomyces griseus
 Streptomycin
Streptomyces halstedii
 Carbomycin
Streptomyces kanamycetius
 Bekanamycin sulfate
 Kanamycin sulfate
Streptomyces lavendulae
 Cycloserine
Streptomyces lincolnensis
 Lincomycin
Streptomyces mycarofaciens
 Midecamycin
Streptomyces nodosus
 Amphotericin B
Streptomyces noursei
 Nystatin
Streptomyces orientalis
 Vancomycin
Streptomyces peucetius
 Daunorubicin
Streptomyces peucetius var.
caesius
 Doxorubicin
Streptomyces rimosus
 Oxytetracycline
Streptomyces rimosus forma
 paromomycinus
 Paromomycin
Streptomyces roseochromogenus
 Flunisolide
Streptomyces spectabilis
 Spectinomycin
Streptomyces spheroides
 Novobiocin
Streptomyces thermoflavus
 Ribostamycin
- Milorganite, by extraction
 Cyanocobalamin
 Pancreatic gland material, by
 extraction
 Glucagon
 Papaya fruit, by extraction
 Papain
 Pineapple juice, by extraction
 Bromelain
 Rauwolfia plants, by extraction
 Deserpidine
 Rescinnamine
 Reserpine
 Silybum marianum fruit, by extrac-
 tion
 Silymarin
 Soybean meal, by fermentation
 Bacitracin
 Clavulanic acid
 Cycloserine
 Erythromycin
 Gentamicin sulfate
 Kanamycin sulfate
 Micronomicin
 Novobiocin
 Oleandomycin
 Oxamniquine
 Oxytetracycline
 Paromomycin
 Ribostamycin
 Sisomicin
 Soy broth, by fermentation
 Triamcinolone
 Squill, by extraction
 Proscillaridin
 Thyroid gland carcinoma, by ex-
 traction
 Calcitonin
 Tyrothricin fermentation liquor, by
 fermentation
 Gramicidin
 Urine, mammalian, by isolation
 Urokinase
 Vegetable protein, by fermentation
 Midecamycin
 Velvet beans, by extraction
 Levodopa
 Venom of Bothrops Atrox
 Batroxobin
 Veratrum viride, by extraction
 Cryptenamine tannates
 Vinca rosea plants, by extrac-
 tion
 Vinblastine sulfate
 Vincristine sulfate