

Subject Index

- Absorption, (76) 133; (77) 297; (77) 303; (78) 199
Absorption band resolution, (72) 193
Absorption barrier, (75) 97; (75) 117; (76) 25
Absorption enhancement, (77) 141
Absorption enhancer, (75) 97; (75) 117; (76) 61; (77) 75; (79) 159
Absorption kinetics, buccal, (74) 9; (74) 189
Absorption-lipophilicity correlation, (77) 1
Absorption window, (78) 35
Acetaminophen, (72) 19; (72) 219; (79) 83
3-Acetylmethyl-5,5-diphenylhydantoin, (75) 219
Acid dissociation, (74) 215
Acid dissociation constant, (74) 105
Acidity constant, (72) 193
Acoustic emission, (72) 233
Acrylate-methacrylate copolymer, (72) 1
Actiderm, (77) 199
N-Acylated amide, (71) 31
Acylation, (75) 131
N-Acyl carbamate ester, (71) 31
Additive, (71) 137
Adhesion, (79) 257
Adhesiveness, (76) 77
Adhesive tape, (72) 227
Adjuvant, (76) 49
Administration set, (77) 279
Adriamycin, (79) R1
Adsorption, (72) 181; (75) 25; (75) R9; (79) R1
Aerosol, (80) R1
Aerosol deposition, (74) 203; (74) 209
AIDS, (73) 23; (73) 105
[D-Ala¹]-Peptide T amide, (77) 65
Albumin, (77) 31
Alcohol dehydrogenase, (74) 195
Alginate bead, (79) 11
Alkyl *p*-aminobenzoate, (77) 127
Alkyl saccharide, (79) 159
N-Alkylthiamorpholine-3-one, (76) 217
Aluminum hydroxide gel, (75) R9
Alveolar macrophage, (78) 227
Amethocaine, (78) 209
Amikacin, (78) 227
Amino acid, (72) 149; (77) 57
p-Aminobenzoate, (77) 239
Aminolysis, (78) 25
1-(Aminomethyl)cyclohexanecetic acid, (78) 25
Aminopeptidase, (71) 45; (76) 113; (76) 247
Aminophenylboronic acid, (80) 9
Amorphization, (71) 19
Amoxicillin, (78) 35
Ampholyte, (79) 89
Amphotericin B, (75) 45
Amphotericin B colloidal dispersion, (75) 45
Ampicillin, (73) 33; (74) 183
Analysis, (73) 81; (75) 249
Ananas comosus L., Merr., (76) 199
ANF adsorption, (77) 309
ANF stability, (77) 309
Anhydrous α -lactose, (72) 233
Anhydrous lactose, (73) 209; (77) 269
Antacid, (75) R9
Anthelmintic disease, (77) 265
Anthrapyrazolone, (71) 73
Antibiotic, (73) 259; (75) 161; (77) 13
Antibody response, (76) 161
Antiepileptic, (74) 77
Antifungal, (75) 45
Antigen delivery, (76) 161
Antimalarial, (72) 11
Antimalarial activity, (79) 29
Antimicrobial efficacy, (72) 51
Antimycobacterial drug, (78) 227
Antimycotic efficacy, (80) 33
Antitumor drug, (72) 251
Apparent-true partition coefficient relationship, (79) 89
Aqueous boundary layer, (71) 55; (77) 1
Aqueous coating, (73) 51; (77) 183
Aqueous film coating, (73) 197
Aqueous penetration, (73) 111
Aqueous solution, (75) R5
Aromatic polyamidine, (72) 251
Ascorbic acid, (78) 85
Aspartame, (75) R5
Aspirin, (75) 231
Asthma therapy, (74) 203; (74) 209
Asymmetric model, (78) 123
Atmospheric freeze drying, (72) 97
Avicel, (72) 111
Azomethine, (78) 59
Azone, (74) 229; (76) 37; (76) 151; (76) 217; (79) 141
Azone[®], (71) R9; (72) 219

- Bacterial uptake, (75) 81
 Barbiturate, (72) 157
 Basal lamina, (76) 25
 BASIC, (79) 1
 Basic salt, (78) 237
 Batch variation, (79) 251
 Bathochromic shift, (78) 85
 Bead, (79) R1
 Benzazepine, (79) 205
 Benzimidazole pharmacokinetics, (77) 265
 Benzocaine, (79) 61
 1,3-Benzoxazine-2,4-dione, (78) 199
 Bestatin, (76) 247
 Best-fit curve, (71) 95
 Bile, (73) 231
 Bile acid, (80) 63
 Bile salt, (74) 95; (74) 127
 Binary component compact, (71) 81
 Binary system, (77) 193
 Binding constant, (75) 193
 Bioadhesion, (72) 131; (73) 69
 Bioadhesive drug delivery system, (80) 1
 Bioavailability, (73) 89; (75) 37; (75) 55; (75) 97; (75) 117; (76) 71; (78) 217; (79) 205; (80) 51
 Biodegradability, (78) 165
 Biodegradable microparticles, (77) 169
 Biodegradable subcutaneous implant, (76) 161
 Biodegradation rate, (72) 199
 Biodistribution, (79) 77
 Bioerodible hydrogel, (76) R5
 Biological evaluation, (75) 131
 Biological response, (73) 1
 Bispirocarpic acid diester, (75) 249; (75) 259
 Bispirocarpic acid monoester, (79) 233; (79) 243
 β -Blocking agent, (76) 25
 Blood transport, (73) 177
 Blue dextran, (79) 11
 Blue liposomes, (72) 259
 Bone, (78) 165
 Brittle behavior, (71) 81
 Brittle-ductile transition, (71) 81
 Bromazepam determination, (72) 207
 Bromelain, (76) 199
 Bronchodilator, (74) 209
 Bropiramine, (77) 247
 Bruggeman's model, (76) 207
 Buccal absorption, (74) 9; (74) 189
 Buccal cavity, (74) 9; (74) 189
 Buccal drug absorption, (76) 25
 Buccal membrane, (74) 189
 Buccal mucosa, (76) 25
 Buffering, (80) R7
 Buflomedil HCl, (72) 79
 Butyl rubber, (77) 47

 Caco-2, (71) 55
 Cadmium poisoning, (79) 213

 Caking, (78) 95
 Calcium antagonist, (79) 199
 Calcium-induced gelation, (79) 11
 Calcium phosphate, (73) 249
 Calorimetry, (73) 33; (79) 251
 Capillary pressure, (79) 47
 Capillary viscometry, (73) 163
 Capping pressure, (72) 117
 Capsule filling, (71) R5
 Capsule filling machine, (71) 127
 Carbamate, (76) 99
 Carbamate ester, (79) 205
 Carbamazepine, (73) 17; (77) 287
N-(4-Carboxyphenyl)phthalimide, (79) 61
 Carbidopa, (72) R5
 Carbocysteine, (77) 41
 Carbopol 934, (73) 69
 Carbopol EX55, (73) 69
 Carboxyfluorescein, (79) 159
 Carboxymethylcellulose (Blanose 7D), (75) 155
 Carmethizole hydrochloride (NSC-602668), (71) 157
 Cell culture, (71) 55; (76) R1; (76) 247; (78) 103
 Cellular interaction, (78) 103
 Cellular uptake, (79) 39
 Cellulose acetate phthalate, (77) 211
 Centric mounting, (75) 63
 Centrifugation, (76) 207
 Cephalosporin, (73) 259; (77) 13
 Cephalosporin compound, (75) 131
 Cetrimide, (71) 213
 Cetyltrimethylammonium bromide, (78) 157
 Chemiadsorbate, (73) 221
 Chemical stability, (72) 123
 Chitosan, (78) 43; (80) 33
 Chlorambucil, (71) 73
 Chloroquine, (72) 11
 Cholesterol, (76) 161
 Chylomicron, (73) 177
 α -Chymotrypsin, (76) 99; (77) 65; (78) 1
 Ciprofloxacin/PEG 6000, (77) 193
 Clarity of solution, (77) 47
 Clindamycin phosphate, (74) 215
 Clofibrade release, (76) 225
 Coated pellet, (79) 223
 Coated tablet, (75) 241
 Coating, (71) 201; (74) 49; (75) 117; (75) 181; (77) 89
 Coffee extract, (72) 97
 Cogrounding, (75) 141
 Coground mixture, (71) 19
 Cohesion, (79) 257
 Collagen, (77) 31
 Colloidal drug-carrier, (72) 211
 Colonic absorption, (79) 135
 Commercial grade lubricant, (78) 203
 Compaction, (72) 111; (76) 9
 Compaction simulator, (71) 81
 Compatibility, (77) 279; (79) 273

- Complexation, (72) 123; (76) 17; (77) 247; (78) 25; (79) 263
- Complex structure, (74) 85; (74) 127
- Composite membrane, (79) 21
- Compressibility, (71) 81
- Compression speed, (72) 117
- Compressive deformation, (72) 233
- Computer modelling, (72) 79
- Computer program, (73) 147; (79) 1
- Conductivity, (76) 207
- Cone-and-plate viscometer, (72) 65
- Consolidation, (76) 9
- Constant volume sample, (73) 37
- Contact angle, (72) 29; (72) 43; (72) 157
- Continuous shear, (73) 117
- Controlled drug delivery, (72) 19
- Controlled drug release, (72) 35
- Controlled release, (73) 89; (73) 171; (74) 169; (76) 193; (77) 81; (79) 11
- Controlled-release formulation, (75) 55
- Controlled release suspension, (75) 25
- Controlled-release system, (73) 51
- Copoly(d,l-lactic/glycolic acid), (72) 199
- Core, (71) 201
- Corneal permeability, (74) 221
- Cosolvent, (73) 23; (76) 1
- Coumarin, (80) 75
- Crack propagation, (78) 49
- Creaming, (76) 207
- Creep testing, (73) 117
- Critical excipient content, (72) 117
- Crosslinked polymer, (75) 241
- Cryoprotectant, (77) 119
- Crystal defect, (75) 219
- Crystal defects, (79) 171
- Crystal disorder, (79) 171
- Crystalline complex, (71) 19; (73) 9
- Crystallinity, (71) 137
- Crystal morphology, (75) 219; (79) 171
- Crystal properties, (72) 181
- Crystal size, (79) 171
- Crystal structure, (74) 33
- Cubic phase, (79) 113
- Curcumin, (76) 257
- Curve fitting, (73) 147
- Cyanoacrylate, (72) 211
- Cyclodextrin, (72) 123; (75) 193; (78) 25; (79) 107; (79) 273; (79) 289
- α -Cyclodextrin, (73) 9
- β -Cyclodextrin, (71) 19; (73) 9; (74) 127; (75) 37; (75) 147; (77) 247; (78) 183; (79) 149
- γ -Cyclodextrin, (73) 9
- Cyclodextrin, β -, (77) 297
- Cyclodextrin derivative, (74) 85
- β -Cyclodextrin derivative, (75) R5
- Cyclopenthiiazide, (73) 137
- Cystic fibrosis indicator, (76) 171
- Cytotoxic agent, (71) 157; (80) 51
- Dantrolene, (75) 193
- Daunorubicin, (72) 123
- DDT, (73) 177
- Deacetylated gellan gum, (73) 117
- Deacetyldiltiazem, (76) 71
- DEAE-Dextran, (76) 61
- Decyl glucoside, (79) 159
- Degradation, (79) 183
- Degree of crosslinking, (76) R5
- Delayed gastric emptying, (75) 241
- Delivery system, (75) 1
- Derivative spectrophotometry, (72) 193
- Derivative spectroscopy, (74) 183
- Derivative ultraviolet spectroscopy, (71) 187
- Dermatological patch, (77) 199
- Desglycinamide arginine vasopressin, (76) 37
- Detachment force, (78) 43
- Detergent, (77) 31
- Dextran derivative, (74) 95
- Diabetic rat, (78) 9
- Diabetic therapy, (80) 9
- Diafiltration, (76) 199
- Diazepam, (71) 1
- Dibasic-calcium phosphate, (73) 75
- 2',3'-Dideoxyguanosine, (73) 105
- Diethyl maleate, (77) 141
- Diethylmethylidene malonate, (79) 29
- Differential scanning calorimetry, (73) 209; (74) 33; (74) 77; (76) 17; (77) 269; (79) 123
- Diffusion, (71) 245; (72) 219; (79) 191; (79) 301
- Diffusional exponent, (71) 95
- Diffusion cell, (73) 97
- Diffusion coefficient, (72) 1; (75) 63
- Diffusion-evaporation, (71) 229
- Diffusion prediction, (77) 151
- Diffusivity, (80) 81
- Digoxin, (72) R1
- 1,4-Dihydropyridine derivative, (79) 273
- Diltiazem, (76) 71; (76) 133; (79) 183
- Dimethyl sulfoxide, (71) 193; (76) 217
- Di-*O*-methyl- β -cyclodextrin, (77) 297
- Dipalmitoylphosphatidylcholine, (76) 217; (77) 127
- Direct compression, (73) 37
- Disintegration, (72) 163
- Disodium cromoglycate, (73) 131
- Dissolution, (72) 181; (74) 169; (77) 183; (79) 83
- Dissolution-dialysis, (79) 83
- Dissolution enhancer tube C, (73) 17
- Dissolution kinetics, (77) 255
- Dissolution mechanism, (75) 63
- Dissolution profile, (77) 193; (78) 183
- Dissolution rate, (71) 95; (71) 213; (74) 49; (75) 37; (75) 219; (76) 49; (78) 175; (79) 123; (79) 171; (79) 289
- Dissolution system, (75) 141
- Distribution coefficient, (77) 127
- Ditekiren, (73) 231
- Dithranol, (75) 89

- Diuretic drug, (76) 187
DNA, (72) 251
Dodecyltrimethylammonium bromide, (79) 123
Dopamine, (72) R5
Dopamine D-1 antagonist, (79) 205
Dosage form, (71) 229; (72) 141
Double labeling, (73) 131
Doxorubicin, (72) 123
Doxorubicin hydrochloride, (79) 289
Drug absorption, (71) 55; (72) 175
Drug adsorption, (79) 273
Drug-coated granule, (72) 163
Drug delivery, (73) 51; (74) 221; (77) 297; (80) 63
Drug delivery system, (74) 183; (77) 31
Drug release, (72) 163; (74) 25; (78) 237; (79) 223
Drug release, in vitro constant, (77) 177
Drug targeting, (72) 181; (72) 211; (79) 29
Drying model, (71) 229
DSC, (72) 181; (73) 137; (75) 211; (76) 217
DTPA, (79) 213
Ductile behavior, (71) 81
Dynamic light scattering, (77) 261
Dynamic mechanical thermal analysis, (73) 197
- Eccentric mounting, (75) 63
Echinococcus multilocularis, (77) 265
Elastic energy, (72) 117
Elastic recovery, (73) 75
Elastomeric closure, (77) 47
Elastomeric material, (74) 175
Electrical double layer, (75) 63
Electric charge, (78) 103
Electro-osmosis, (77) 107
Elementary analysis, (73) 137
ELISA, in vitro, (76) R5
Emulsion, (75) 171; (77) 57
Emulsion formulation, (73) 23
Emulsion, o/w, (76) 207; (78) 217
Emulsion stability, (76) 225
Encapsulation efficiency, (74) 183
Endolymphatic injection, (72) 259
Endothelial cell, (78) 103
Enhanced permeability, (71) 193
Enhancement factor, (78) 137; (80) 17
Enhancement index, (74) 157
Enhancer, (76) 151
Enkephalin, (76) 113
Enteric polymer, (77) 211
Enterobacter cloacae, (72) 111
Enterohepatic circulation, (80) 63
Entropy of activation, (78) 157
Entropy of mixing, (77) 239
Enzymatic degradation, (74) 67
Enzymatic hydrolysis, (71) 31; (71) 117; (75) 259; (77) 21
Enzyme kinetics, (77) 65
Erythrocyte binding, (80) 51
Erythromycin, (72) 57
Erythromycin injection, (80) R7
ESR spin probe, (75) 231
Ester, (71) 105; (73) 23; (76) 99
Ester prodrug, (77) 21
Estradiol, (71) 25
 β -Estradiol flux, (78) 123
 β -Estradiol gradient, (78) 123
 β -Estradiol metabolism, (78) 123
Estramustine, (79) 107
Estrogen, (71) 25
Estrone, (71) 25
Estrone sulfate, (71) 25
Estropipate, (71) 25
Ethanol activity, (77) 221; (77) 231
Ethanol flux, (78) 123
Ethanol gradient, (78) 123
Ethyl cellulose, (76) 91; (76) 193
Ethylenediaminetetraacetic acid disodium salt, (77) 141
Eudragit RL, (77) 81
Eudragit RS 100, (74) 169
Eudragit RS microsphere, (76) 55
Excess volume of mixing, (77) 239
Extended Hildebrand solubility approach, (78) 17
Extraction coefficient, (76) 151
Extrusion, (77) 127
- Facilitated transport, (76) 151
Factorial design, (72) 141; (76) 49
Fasted vs fed state, (75) 241
Fatty acid ester, (77) 13
Ferulic acid, (80) 75
Fiber, (76) 123
Filler, (71) 201; (75) 181; (77) 89
Film-coated granule, (71) 201
Film coating, (73) 89; (76) 91; (78) 49
Film structure, (76) 91
First derivative spectrophotometry, (78) 89
First-pass metabolism, (78) 199
FITC-Dextran, (73) 81
FITC-dextran, (79) 191
Flash photolysis, (76) 187
Flavor retention, (72) 97
Flow properties, (77) 183
Fludarabine, (71) 73
Fluid-bed coating, (78) 35
Fluidized-bed coating, (72) 163
Fluorescein isothiocyanate-labeled dextran, (77) 141
Fluoride-selective electrode, (77) 41
Fluorine, (76) 183
Fluorobenzoylcephalosporin, (75) 131
1-Fluoro-2,4-dinitrobenzene, (77) 41
Fluoroquinolone, (79) 89
5-Fluorouracil, (74) 157
Flurbiprofen, (74) 169
Flux enhancement, (77) 107
Flux prediction, (77) 163
Force application rate, (73) 75

- Force development, (73) 239
 Force-displacement, (71) 127
 Formaldehyde, (73) 97
 Formulation, (73) 51; (75) 1
 Fractal dimension, (73) 221
 Fracture, (78) 49
 Fracture strength, (78) 95
 Free-flowing powder, (72) 97
 Freeze-drying, (71) 137
 Freeze-fracture electron microscopy, (76) 37
 Freezing/thawing cycle, (77) 119
 Frozen storage, (72) 57
 Fungal cell adherence, (80) 33
 Fungal growth test, (80) 33
 Furosemide, (76) 193
 Fusidic acid, (72) 57
 Fusion energetics, (75) 219
- Gabapentin, (78) 25
 β -Galactosidase, (71) 137
 Gamma camera scintigraphy, (75) 241
 Gamma scintigraphy, (72) 79; (73) 131; (76) 55; (76) 123; (76) 133; (78) 69; (80) R1
 Gastric emptying, (72) 175; (73) 171
 Gastrointestinal tract simulation, (72) 35; (77) 81
 Gastrointestinal transit, (72) 79; (76) 123; (76) 133; (76) 183; (78) 69
 Gelatin, (71) 147; (71) 187
 Gelling, (74) 25
 Gelrite, (73) 117
 Gelucire, (72) 35; (78) 35
 Gene expression, (72) 251
 Generalized distance, (74) 115
 Gentamicin, (78) 165
 Glass transition, (73) 197; (74) 77
 γ -Globulin, (77) 31
 Glucose responsiveness, (80) 9
 Glucose-triggered solubilization, (80) 9
 Glutathione, (76) 257
 Glyceryl dinitrate, (71) 175
 Gradient matrix system, (72) 19
 Granulation, (72) 243
 Granule, (75) 181; (79) 257
 Granule release, (72) 141
 Granule surface, (78) 95
 Grinding, (75) 211
 Griseofulvin, (79) 123
 Ground mixture, (78) 183
- Hairless mouse skin, (71) 167; (72) R1; (72) 149; (73) 97; (78) 123
 Hairless mouse skin permeation, (77) 231
 Hairless rat skin, (79) 21
 Hard gelatin capsule, (76) 49; (79) 67
 Haze formation, (77) 47
 Heat of fusion, (76) 17
 Heat of hydration, (79) 251
 Heat of solution, (76) 17
 Heat treatment, (78) 95
 α -Helix, (71) 147
 Helix characteristics, (79) 67
 pHEMA membrane, (79) 21
 Henry's law, (78) 137; (80) 17
 Heparin, (79) 191
 Hexamethylene tetramine, (78) 89
 Hexane, (72) 29
 High-purity grade lubricant, (78) 203
 High shear degradation, (71) 65; (73) 163
 Higuchi model, (76) 193
 HPLC, (71) 73; (72) 123; (75) 37; (76) 145; (76) 171; (77) 279; (80) 75
 Human, (72) 175; (75) 37
 Human epidermis, (71) 167
 Human growth hormone, (74) 147
 Human pharmacokinetics, (71) 175
 Human skin, (72) R1; (77) 21; (78) 209
 Hyaluronic acid, (72) 131
 Hydrate, (75) 211
 Hydration, (73) 209
 Hydrochlorothiazide, (76) 49
 Hydrocortisone acetate, (76) 1
 Hydrogel, (78) 43; (78) 77
 Hydrogenated phospholipid, (79) 263
 Hydrogen-bond donor acidity, (80) 39
 Hydrogen peroxide, (72) 89
 Hydrolysis, (71) 31; (71) 45; (73) 23; (73) 105; (74) 67; (75) 231; (76) 99; (76) 113; (77) 65; (78) 59; (78) 157; (79) 107; (79) 183
 Hydrophile-lipophile balance, (79) 251
 Hydrophilic matrix, (77) 177
 Hydrophilic microsphere, (79) 191
 Hydrotropic agent, (74) 25
 Hydroxyapatite, (79) R1
 Hydroxybenzoate, (72) 29
p-Hydroxybenzoic acid methyl ester, (73) 221
 Hydroxypropyl methylcellulose, (73) 197
 Hydroxypropyl- β -cyclodextrin, (73) 23
 2-Hydroxypropyl- β -cyclodextrin, (77) 297; (77) 303; (79) 273
 Hydroxypropyl cellulose, (77) 71
 Hydroxypropylmethylcellulose, (71) 95; (71) 213; (72) 163; (73) 111; (77) 183
- Ibuprofen, (72) 219; (73) 111; (73) 157
 Ibuprofen microsphere, (75) 25
 Identification, (79) 233
 4-Imidazolidinone, (71) 45; (76) 113
 Immersion, (72) 181
 Implant, (78) 165
 Impulse application, (72) 65
 Inactivation, (71) 137
 Inclusion complex, (74) 85; (75) 37; (79) 149; (79) 273
 Inclusion complexation, (74) 127
 Incompatibility, (79) 61
 Indomethacin, (75) 181; (77) 21; (80) 63

- Inert matrix, (73) 239
 Infection, (78) 165
 Information criteria, (71) 95
 Infrared spectrometry, (74) 77
 Injectable microsphere, (72) 199
 Injection, (77) 47
¹¹¹In labeling, (79) 77
 Instant product, (72) 97
 Instrumentation, (71) 127
 Instrument geometry, (76) 239
 Insulin, (74) 95; (76) 61; (78) 1; (78) 9
 Insulin degradation, (78) 1
 Insulin delivery system, (80) 9
 Interaction, (72) 243; (79) 149; (79) 257
 Interaction constant, (76) 91
 Intercellular lipid, (71) R1
 Interfacial adsorption, (71) 147; (73) 185
 Interfacial polymerization, (72) 211
 α -Interferon, (72) 97
 Intestinal absorption, (76) R1
 Intestinal epithelial cell, (71) 55
 Intraduodenal administration, (73) 177
 Intramolecular lactamization, (78) 25
 Intramolecular proton transfer, (72) 89
 Intranasal administration, (74) 147; (76) 61
 Intranasal delivery, (71) 25
 Intratracheal instillation, (77) 297; (77) 303
 Intravenous administration, (77) 297; (77) 303
 Intravenous infusion, (72) 57; (77) 279
 Intrinsic dissolution, (73) 137
 Intrinsic viscosity, (76) 91
 In vitro absorption, (72) R1; (77) 21
 In vitro dissolution, (78) 203
 In vitro-in vivo correlation, (77) 1; (79) 83
 In vitro membrane transport, (76) 1
 In vitro release rate, (73) 125
 In vitro transport, (72) 219
 Ionic strength effect, (75) R9
 Ionization effect, (71) 167
 Ion pair formation, (74) 105
 Iontophoresis, (75) 117; (77) 107
 Irregular solution, (78) 17
 Irreversible binding, (79) R1
 Isobologram, (75) 81
 Isothiazolone biocide, (74) 195
- Kathon, (74) 195
 Ketoprofen, (74) 115; (77) 177
 Killing time, (75) 81
 Kinetic analysis, (72) 97
 Kinetic determination, (77) 41
 Kinetics, (73) 105; (75) 201; (76) 225; (76) 261; (78) 59; (79) 183
 Kneaded mixture, (75) 147
- β -Lactam, (74) 183
 Lactose, (72) 111; (73) 209; (75) 211; (76) 9; (79) 47
 α -Lactose monohydrate, (72) 233
- Lamellar structure, (79) 141
 Laureth-9, (76) 61; (77) 75
 Lauryl alcohol, (72) 219
N-Lauryl- β -D-maltopyranoside, (77) 141
 Lauryl glucoside, (79) 159
 Lauryl maltoside, (79) 159
 Lecithin, (76) 161
 Leucovorin, (79) 71
 LHRH-DT vaccine, (76) R5
 Lidocaine, (71) 167; (79) 113
d-Limonene, (74) 115
 Linear free energy relationship, (77) 151; (77) 163
 Linoleic acid, (77) 141
 Lipid bilayer, (74) 137
 Lipidic amino acid, (73) 259; (79) 39
 Lipidic drug conjugate, (79) 39
 Lipidic peptide, (73) 259; (77) 13; (79) 39
 Lipid oxidation, (77) 31
 Lipoidal pathway, (78) 137
 Lipophilicity, (75) 259; (76) 113; (79) 135; (79) 243
 Liposome, (75) 1; (75) 97; (76) 217; (77) 119; (78) 227; (79) 213
 Liposome aerosol, (78) 227
 Liposome entrapment, (74) 183
 Liposome stabilization, (77) 31
 Liquid chromatography, (75) 249; (79) 233; (79) 243
 Liquid crystal, (79) 113
 Local anesthetic, (78) 209; (79) 113
 Loop, (73) 185
 Low-temperature steam formaldehyde method, (73) 191
 Lubrication, (78) 203
 Lung, (77) 297; (77) 303
 Lung deposition, (80) R1
 Lymphatic transport, (80) 51
 Lymph node staining, (72) 259
 Lymph transport, (73) 177
 Lyotropic liquid crystal, (74) 137
L- α -Lysophosphatidylcholine, (74) 147; (76) 61
 Lysophosphatidylglycerol, (77) 75
- Macromolecular delivery, (79) 191
 Macromolecule, (78) 103
 Macroviscosity, (77) 255; (77) 261
 Magnesium stearate, (78) 203
 Maize starch, (72) 111
 Marker leakage, (77) 119
 Mass spectrometry, (71) 175; (75) 249; (79) 233
 Mathematical model, (73) 147
 Mathematical modelling, (72) 19
 Mathematical transformation, (79) 1
 Matrix, (73) 111
 Matrix tablet, (71) 95; (71) 213
 Mean yield pressure, (73) 75
 Measurement, (71) 245
 Mechanical degradation, (71) 65
 Mechanical properties, (73) 191; (73) 197
 Mechanical strength, (72) 233
 Melphalan, (71) 73

- Melt, (74) 49
 Melting point, (73) 1; (76) 17
 Membrane diffusion, (77) 151; (77) 163
 Membrane fluidity, (77) 127
 Metabolism, (74) 195
 Metal chelation, (79) 213
 Metered dose inhaler, (74) 203; (80) R1
 Methotrexate, (71) R9; (79) 71
 4-Methoxy-2-naphthylamide, (76) 247
 4-Methoxyphenyl aminoacetate, (75) 211
 Methylcellulose, (72) 163
 Methylene blue, (78) 89
 Methylprednisolone, (72) 57
 Metoprolol salt, (79) 223
 Metronidazole, (76) 261
 Micellar catalysis, (77) 41
 Micelle, (78) 157
 Michael addition, (76) 257
 Microbial growth, (73) 97
 Microcalorimetry, (72) 181; (73) 33; (73) 209; (74) 127; (77) 269
 Microcapsule, (78) 165
 Microcomputer image analysis, (74) 59
 Microcrystalline cellulose, (72) 243; (73) 75; (76) 239; (77) 269; (78) 183; (79) 47
 Microdialysis system, (72) R5
 Microemulsion, (79) 113
 Microfiltration, (76) 199
 Microfluidization, (71) 65; (73) 163
 Microorganism, (72) 111
 Microscopic ionization, (80) 39
 Microsphere, (73) 157; (75) 73; (75) 117; (76) 193; (78) 1; (78) 9
 Microviscosity, (75) 231; (77) 255; (77) 261
 Migration, (77) 47
 Minimal inhibitory concentration, (75) 131
 Mini-tablet, (73) 89
 Miotic test, (72) 131
 Mixing speed, (78) 237
 Mixing time, (78) 203
 Mixture determination, (75) 161
 Model, (71) 237
 Modeling, (73) 221; (75) 89
 Mode of activity, (75) 81
 Moisture effect, (77) 315
 Molecular configuration, (73) 185
 Molecular diffusion mechanism, (73) 249
 Molecular mechanics, (79) 199
 Molecular modeling, (79) 149
 Molecular modelling, (76) 37
 Molecular volume, (77) 151
 Molecular weight, (72) 199; (74) 33; (74) 43; (78) 175
 Moment analysis, (72) R5
 Monocrystal, (72) 233
 Monolayer, (76) 145
 Monoolein, (79) 113
 Monosubstituted benzene, (77) 151
 Morphine, (71) 105
 Morphology, (75) 73
 Motility, (78) 69
 Mucoadhesion, (73) 69; (78) 43; (79) 97; (80) 1
 Mucosa adhesion, (73) 69
 Mucus, (73) 81
 Multi-component tablet, (77) 287
 Multilamellar liposome, (77) 127
 Multilayer membrane system, (75) 89
 Multiple regression, (75) R9
 Multiple-unit formulation, (77) 177
Mycobacterium avium-intracellulare, (78) 227
 Naloxone, (76) 145
 Nanocapsule, (72) 211; (75) 117
 Nanoparticles, (79) 29
 Nanosphere, (80) 1
 α -Naphthyl acetate, (78) 157
 Naprosyn, (75) 55
 Naproxen, (75) 37; (75) 55; (78) 183; (79) 149
 Nasal absorption, (74) 95
 Nasal administration, (75) 73
 Nasal enzyme, (71) 25
 Nasal epithelium, (76) 247
 Nasal histology, (76) 61
 Nasal mucoadhesion, (73) 131
 Nasal mucosa, (74) 95
 Native mucus, (79) 97
 Negative thixotropy, (72) 65
 Nernst-Planck theory, (77) 107
 Neutron activation, (76) 55
 Nitroglycerin, (71) 175; (73) 125
 NMR, (71) 175; (74) 215; (75) 249; (79) 233
 H-NMR, (74) 127
¹H-NMR, (79) 273
³¹P-NMR, (74) 215
 NMR, ¹³C-, (73) 137
 NMR imaging, (76) 183
 NMR, solid state, (74) 33
 Nonionic surfactant, (79) 251
 Non-porous silica release kinetics, (73) 221
 Non-steroidal anti-inflammatory drug, (75) 55
 Nonsteroidal antirheumatic, (74) 85
 Nortriptyline HCl, (78) 175
 NSAID, (77) 177; (79) 263
 Occlusion, (77) 199
 Octyl glucoside, (79) 159
 Ocular absorption, (75) R1
 Ocular permanence test, (72) 131
 Oestradiol, (74) 157
 Oil in water emulsion, (73) 177
 Oil-in-water emulsion, (77) 169
 Oily material, (78) 95
 Oleic acid, (71) R1; (71) 193; (74) 59; (76) 217
 One-way membrane, (77) 221; (77) 231
 Ophthalmic vehicle, (72) 131
 Oral administration, (78) 9
 Oral bioavailability, (73) 231

- Oral cavity, (74) 9; (74) 189
 Oral delivery system, (79) 11
 Oral drug delivery, (78) 69
 Oral mucosal membrane, (74) 189
 Oral submicron emulsion, (76) 225
 Oral vaccine, (75) 1
 Osmotic effect, (79) 223
 Osteomyelitis, (78) 165
 Otilonium bromide, (71) 1
 Oxathiin degradation, (73) 23
- Packaging material, (77) 47
 Paddle dissolution method, (79) 67
P. aeruginosa, (75) 81
 Paracetamol, (72) 117; (78) 17
 Parenteral administration, (73) 177
 Parenteral nutrition, (77) 57
 Parenteral product, (74) 175
 Partial molal volume, (77) 239; (78) 189
 Partial solubility parameter, (78) 189
 Particle size, (75) 219; (77) 119; (79) 47; (79) 223
 Particulate matter, (74) 175
 Partition, (73) 1
 Partition coefficient, (72) 1; (74) 105; (77) 151; (80) 39; (80) 81
 Partition coefficient ratio, (78) 137
 Partitioning, (76) 151
 Pellet, (73) 51; (73) 171; (76) 133
 Penclomedine, (78) 217
 Penclomedine (NSC-338720), (80) 51
 Penetration, (78) 95
 Penetration enhancement, (76) 37
 Penetration enhancer, (71) R1; (71) R9; (76) 217
 Penetration profile, (75) 89
 Penicillin, (73) 259; (77) 13
 Pepsin, (78) 1
 Peptide, (71) 45; (73) 231; (74) 67; (74) 147; (76) 37; (76) 99; (76) 113
 Peptide delivery, (75) 97; (75) 117; (77) 65
 Peptide ester, (71) 117
 Peptide prodrug, (75) 117
 Percolating cluster, (71) 81
 Percolation theory, (71) 81
 Percolation threshold, (71) 81
 Percutaneous absorption, (71) R9; (74) 115; (74) 137; (74) 157; (76) 151; (77) 21
 Percutaneous administration, (72) R1
 Percutaneous penetration, (78) 209
 Perfusion cell, (74) 9
 Permeability, (72) 1; (72) 149; (73) 97; (78) 103
 Permeability coefficient, (71) 55; (74) 95; (77) 1
 Permeation enhancer, (80) 81
 Permselectivity, (77) 221; (77) 231
 Peroxyacetic acid, (72) 89
 pH, (72) 149; (76) 151
 pH dependence, (74) 215
 pH effect, (71) 167; (74) 85; (79) 183
 pH-partitioning behavior, (79) 89
 pH profile, (79) 273
 pH-rate profile, (78) 59
 pH-zero point of charge, (75) R9
 Pharmaceutical excipient, (80) 33
 Pharmaceutical formulation, (72) 207; (78) 89
 Pharmaceutical packaging, (74) 175
 Pharmacokinetics, (72) 79; (73) 89; (75) 55; (76) 71; (77) 297; (77) 303; (78) 217; (79) 71; (80) 75
 Phase diagram, (76) 17
 Phase inversion, (72) 65
 Phase solubility analysis, (79) 273
 Phase-solubility study, (73) 9
 Phase transition system, (77) 211
 Phenylalkylcarboxylic acid, (79) 135
 Phenytoin, (75) 201; (75) 219; (79) 171
 Phosphatidylcholine, (76) 161
 Phospholipid monolayer, (75) 171
 Photochemical interaction, (76) 187
 Photochemical stability, (72) 11
 Photochemistry, (76) 187
 Photodecomposition, (76) 261
 Photodegradation, (76) 187
 Photodiode array detector, (80) 75
 Photon correlation spectroscopy, (73) 163
 Photooxidation, (76) 187
 Photostabilization, (79) 273
 4-Phthalimidobenzoic acid ethyl ester, (79) 61
 Phthalocyanine, (80) 1
 Physical properties, (77) 89
 Physical stability, (75) 25; (77) 315
 Physical state, (78) 77
 Physicochemical properties, effect of, (76) 77
 Pigment, (78) 49
 Pilocarpic acid diester, (74) 221
 Pilocarpine, (72) 131; (74) 221
 Pilocarpine nitrate, (76) 171
 Piribedil, (80) 39
 Piroxicam, (71) 193
 Plasma level, pulsatile, (77) 177
 Plastic energy, (72) 117
 Plasticizer, (73) 197
 Plotting, (79) 1
 Pluronic, (71) 65
 Poloxamer, (75) 171
 Poloxamer 407, (77) 309; (80) 1
 Poloxamine, (75) 231; (80) 1
 Poly(AAPBA-co-AAM), (80) 9
 Polyacid, (77) 211
 Poly(acrylic acid), (73) 69
 Polyacrylic acid, (73) 131
 Polycarbophil, (73) 69; (78) 43
 Polydimethylsiloxane copolymer, (77) 221; (77) 231
 Polydisperse system, (71) 7
 Polyethylene dodecyl ether, (79) 123
 Polyethylene glycol, (74) 33; (74) 43; (76) 17; (78) 175; (79) 123

- Poly(lactide-co-glycolide), (77) 169
 Poly(L-lactic acid), (78) 165
 Polymer binder, (72) 243
 Polymeric drug carrier, (79) 77
 Polymer matrix, (71) 237; (71) 245; (78) 237
 Polymer solution, (77) 255; (77) 261
 Polymorphic change, (77) 315
 Polymorphic form, (73) 137
 Polymorphism, (74) 33
 Polyoxyethylene 23-lauryl ether, (73) 17
 Polyoxyethylene 50-stearate, (73) 17
 Polysorbate 20, (73) 17
 Polysorbate 80, (73) 17; (79) 123
 Polyvinyl acetate phthalate, (79) 61
 Poly(vinyl methyl ether maleic anhydride), (75) R1
 Poly(vinyl methyl ether-maleic anhydride), (78) 237
 Polyvinylpyrrolidone, crosslinked, (75) 141
 Porcine skin, (78) 209
 Pore pathway, (78) 137
 Pore size, (79) 47
 Porous silica release kinetics, (73) 221
 Post compaction storage time, (73) 249
 Powder, (72) 43; (79) 257
 Powder bed, (79) 47
 Powder dissolution, (73) 137
 Powder inhaler, (74) 209
 Powder mixing theory, (73) 37
 Powder mixture, (76) 9
 Precipitation time, (75) 201
 Preformulation, (77) 315
 Preservation, (74) 195
 Preservative, (72) 51
 Pressure membrane, (79) 47
 Pretreatment, (71) 193
 Primaquine, (79) 29
 Prodrug, (71) 31; (71) 45; (71) 105; (71) 117; (74) 67; (74) 221;
 (75) 201; (75) 249; (75) 259; (76) 99; (76) R1; (76) 113; (77)
 265; (78) 199; (79) 205; (79) 233; (79) 243
 Progesterin, (72) 1
 Programmed temperature, (71) 229
 Prolonged release, (73) 239
 Promethazine hydrochloride, (71) 95
 3-Propanoyloxymethyl-5,5-diphenylhydantoin, (79) 171
 Propranolol hydrochloride, (71) 213
 Prostaglandin, (74) 229
 Protamine, (72) 51
 Protease inhibitor, (78) 1; (78) 9
 Protection, (71) 137
 Proteinase inhibitor, (75) 97; (75) 117
 Protein delivery, (75) 97; (75) 117; (76) 161
 Proteolytic activity, (75) 97; (75) 117; (76) 199
 Proxel, (74) 195
 Pseudo-latex, (77) 211
 Pulmonary absorption, (77) 141
 Puromycin, (76) 247
 PVC bag, (77) 279
 Pyridoxal hydrochloride, (77) 315
 QSAR, (73) 1
 QSAR (quantitative structure-activity relationships), (75) R13
 Quantitative powder X-ray diffractometry, (77) 287
 Quantitative X-ray diffractometry, (78) 77
 Rabbit, (72) 131; (74) 147; (75) 73
 Racemate compound, (74) 77
 Random mixture, (73) 37
 Rat, (73) 231; (74) 147; (77) 75
 Rat skin, (74) 59
 Reaction mechanism, (72) 89
 Reaction order, (73) 147
 Receptor phase, (73) 97
 Reconstituted stratum corneum, (74) 137
 Reconstitution, (80) R7
 Rectal absorption, (77) 71; (79) 159
 Redispersibility, (73) 157
 Regression curve, (79) 1
 Regular solution theory, (77) 239
 Relative humidity, (73) 249
 Release, (76) 77; (79) R1
 Release characteristics, (73) 17
 Release kinetics, (71) 7
 Release mechanism, (78) 237
 Release rate, (76) 193
 Renal tubular secretion, (79) 71
 Renin inhibitor, (73) 231
 Resorcinol, (78) 89
 Resterilization, (73) 191
 Reversed-phase HPLC, (71) 1
 Reversibility, (80) 17
 Reversible reaction, (78) 59
 Rifampicin, (78) 59
 Rotating disc, (75) 63
 Rotation speed, (78) 175
 RPMI-1640 medium, (71) 73
 Rubber, (79) 301
 Rubber closure, (74) 175
 Saccharose, (73) 249
 Salbutamol, (77) 303
 Salbutamol sulfate, (71) 187
 Salicylamide, (78) 199
 Salicylic acid, (76) 151; (78) 77
 Saliva, (73) 81
 Samarium oxide, (76) 55
 Sample mass variation, (73) 37
 Saturation (liquid; irreducible), (79) 47
 Scanning electron microscopy, (73) 137; (78) 77
 Scintigraphy, (73) 171
 Second-derivative absorption spectrophotometry, (72) 207
 Sedimentation, (76) 207
 Sedimentation volume, (75) 25
 Semi-solidification, (72) 65
 Serum glucose level, (78) 9
 Serum level, (73) 231
 Shed snake skin, (72) 219

- Sheep, (74) 147
 Shelf-life, (75) 201
 Shelf life, (80) R7
 Short chain *n*-alkanol, (80) 17
 Silicone, (74) 175
 Silicone adhesive, (76) 77
 Silicone membrane, (79) 21
 Simulation, (78) 49
 Simulator, (71) R5
 Simultaneous determination, (71) 1; (78) 89
 Simultaneous optimization, (74) 115
 Single particle contribution, (71) 7
 Skin absorption, (73) 125
 Skin alternative, (79) 21
 Skin blanching, (77) 199
 Skin damage, (74) 115
 Skin damage effect, (73) 125
 Skin enhancer, (74) 229
 Skin penetration, (71) 105; (71) 167; (75) 89
 Skin penetration enhancer, (74) 157
 Skin permeability, (78) 137; (79) 21; (80) 17
 Skin permeation, (76) 77
 Skin quantitative autoradiography, (74) 59
 Skin reservoir, (72) 149
 Sleep, (78) 69
 Small angle X-ray scattering, (79) 141
 Sodium acetate, (75) R1
 Sodium chloride, (73) 249
 Sodium cholesteryl sulfate, (75) 45
 Sodium cromoglycate, (74) 203
 Sodium dodecyl sulfate, (71) 213; (79) 123
 Sodium indomethacin trihydrate, (71) 201
 Sodium salicylate, (72) 35; (74) 25; (77) 81
 Sodium taurodihydrofusidate, (76) 61
 Solid dispersion, (74) 33; (74) 43; (76) 17; (78) 175; (79) 123
 Solidification, (78) 95
 Solid material rearrangement, (73) 249
 Solids for reconstitution, (77) 47
 Solid solution, (79) 123
 Solid state, (74) 77
 Solid-state stability, (75) 211
 Solubility, (71) 117; (72) 29; (73) 1; (74) 105; (75) 201; (75) 259; (75) R13; (76) 1; (77) 239; (78) 17; (78) 77; (78) 189; (79) 223
 Solubility determination, (73) 137
 Solubility parameter, (77) 211; (78) 17
 Solubility parameters, (76) 77
 Solubility ratio, (78) 137
 Solubilization, (73) 23; (74) 85; (79) 107; (79) 273
 Soluble complex, (73) 9
 Solute accumulation, (78) 115
 Solution calorimetry, (73) 137; (74) 43; (76) 17
 Solution stability, (79) 289
 Solvate, (75) 211
 Solvatochromic parameters, (75) R13
 Solvent composition effect, (76) 91
 Solvent evaporation, (76) 55; (77) 169
 Solvent flow, (77) 107
 Solvent-water partition coefficient, (78) 115
 D-Sorbitol, (75) 25
 Spectrophotometry, (72) 193
 Spherical crystallization, (76) 193
 Spheroidal granule, (72) 141
 Spheronization, (75) 181; (77) 89
 Spheronizing method, (72) 141
 Spirolactone-cyclodextrin complex, (73) 9
 Spray drying, (77) 183
 Spreading, (79) 257
 Spreading coefficient, (72) 43
 Square wave polarography, (75) 161
 Square wave voltammetry, (75) 161
 Stability, (71) 19; (71) 73; (71) 117; (71) 137; (71) 157; (72) 57; (72) 181; (73) 81; (73) 209; (75) 97; (75) 141; (75) 147; (75) 259; (77) 57; (77) 119; (77) 269; (77) 279; (78) 25; (79) 183; (79) 243; (80) R7
 Stability constant, (77) 247
 Stability-indicating method, (76) 171
 Stability testing, (73) 33; (73) 147
 Stabilization, (74) 85; (75) R5; (75) 231; (79) 107; (79) 273
Staphylococcus aureus, (72) 111
 Starch, (74) 25
 Stationary mercury drop electrode, (75) 161
 Statistics, (79) 1
 Stearic acid, (74) 49
 Sterilization, (74) 175
 Steroid, (76) 77
 Steroid aromatase inhibitor, (71) 19; (75) 141; (75) 147
 Steroid permeation, (77) 221; (77) 231
 Stimulus-sensitive swelling, (79) 191
 Stiripentol, (74) 77
 Storage, (79) 123
 Stratum corneum, (71) R1; (71) 193; (71) 245; (72) 227; (74) 137; (79) 141; (80) 17; (80) 81
 Striatal distribution of L-DOPA, (72) R5
 Stripping, (72) 227
 Structure-activity relationship, (79) 199
 Sulconazole, (72) 89
 Sulfatide, (76) 145
 Sulfone, (72) 89
 Sulfoxide, (72) 89
 Sumikagel, (72) 35; (77) 81
 Supersaturation, (76) 1
 Suppository, (73) 17
 Surface analysis, (72) 157
 Surface coverage, (74) 49
 Surface energy, (72) 157
 Surface pressure, (75) 171
 Surface tension, (71) 147
 Surfactant, (74) 169; (75) 155
 Suspension, (73) 157
 Sustained release, (73) 157; (76) 133; (76) 161; (78) 35
 Sustained-release system, (73) 51
 Sweat testing, (76) 171
 Swelling, (74) 25

- Synergism, (75) 81
 Synthesis, (75) 131; (75) 249; (79) 233
 Systemic absorption, (75) R1
- Tablet, (79) 83
 Tablet mass variation, (73) 37
 Tablet permeametry surface area, (73) 249
 Tablets, (71) 1
 Tablet strength, (76) 9
 Tablet surface area, (76) 9
 Tablet tensile strength, (73) 249
 Tableting, (72) 111
 Tail, (73) 185
 Tauromustine, (71) 73
^{99m}Tc labeling, (74) 203; (74) 209
 Technetium-99m, (80) R1
 Temazepam, (78) 189
 Tensile strength, (73) 75
 Terpene, (74) 157
 Tetrahydrocannabinol, (74) 59
 Tetronic 1508, (75) 231
 Theophylline, (73) 89; (77) 183; (77) 255
 Theophylline absorption, (72) 175
 Thermal analysis, (77) 193; (80) 81
 Thermal mechanical analysis, (73) 197
 Thermal treatment, (74) 43
 Thermodynamic analysis, (74) 43
 Thermodynamic inclusion data, (75) 193
 Thermodynamics, (72) 181; (74) 127
 Thermomicroscopy, (73) 137
 Thermospray liquid chromatography, (75) 249; (79) 233
 Thyrotropin-releasing hormone, (72) 199; (76) R1
 Thyrotropin-releasing hormone (TRH), (74) 67
 Timolol, (75) R1; (78) 237
 Tonicity, (72) 175
 Topical drug delivery, (76) 1
 Topographical dissolution characterization, (78) 35
 Torque rheometry, (72) 243; (76) 239
 TPN, (77) 57
 Tragacanth, (73) 163
 Transacting factor, (72) 251
 Transcutol, (74) 59; (74) 229
 Transdermal delivery, (71) 105; (74) 229; (76) 37
 Transdermal drug delivery, (71) 237; (73) 125; (79) 263
 Transdermal drug delivery system, (77) 221; (77) 231
 Transepidermal water loss, (72) 227
 Transmembrane drug delivery, (73) 259; (77) 13
 Triamcinolone acetone, (77) 199
 Triglyceride, (78) 217
- Trioctanoin, (78) 217
 Tristimulus colorimetry, (74) 49
 True density, (75) 219
 Trypsin, (78) 1
 Tumor cell, (78) 103
 Turbinate, (76) 247
 Two-compartment model, (80) 75
- Ulcerogenicity, (73) 157
 Ultrafiltration, (76) 199; (77) 247
 Ultrafiltration technique, (73) 9
 Unsaturated polyester, (76) R5
 Unstirred water layer, (71) 55
 UV absorption, (78) 85
 UV spectrum, (80) 75
- Vacuum freeze drying, (72) 97
 Vaginal administration, (77) 75
 Vaginal histology, (77) 75
 Vegetarian, (76) 123
 Vehicle effect, (78) 123
 Verapamil, (79) 199
 Viability, (72) 111
 Vial closure, (79) 301
 Vinca alkaloid, (77) 279
 Vinyl polychloride (PVC) tubing, (73) 191
 Viscosity, (75) 155
 Vitamin C degradation, (78) 85
 Volatile, (77) 47
- Wash-off test, (78) 43
 Water, (72) 29; (73) 209; (77) 269
 Water permeability, (74) 137
 Water permeation, (73) 197; (79) 301
 Water uptake, (73) 239
 Wet granulation, (76) 239
 Wettability, (72) 29; (72) 43; (72) 157
 Wetting, (72) 181; (73) 1; (74) 169
 Wilhelmy plate, (79) 97
 Work of compaction, (71) 127
 w/o/w emulsion, (72) 65
- X-ray photoelectron spectroscopy, (72) 157
 X-ray powder diffraction, (73) 137; (74) 77; (79) 123
- Zero-order release kinetics, (72) 19
 Zeta potential, (75) 25; (75) 155
 Zidovudine, (77) 71