



1 The values

The table contains the melting temperatures of the substances described in monographs of Ph. Eur., DAB and DAC. In addition, the melting temperatures used in the alternative identifications of the DAC/NRF for some substances are given.

It should be noted that there may be slight deviations in the melting temperatures of the alternative identifications compared to the pharmacopoeial data, as experimental error is taken into account. In this case, the lower value of the melting temperature interval remains unchanged, as impurities may lead to a lower melting temperature.

Unless otherwise stated, the values given refer to the melting temperature - capillary method (2.2.14). Further details on the determination method and the melting behaviour are given in the respective monographs or alternative identifications of the starting materials. All texts are translated automatically. Errors excepted.

Substance	Melting range in ° C
A	
Acebutolol hydrochloride Ph. Eur. 1	■ approx. 143
Acetylcholine chloride Ph. Eur.	■ 149-152
Acetylcysteine Ph. Eur.	■ 104-110
Acetylsalicylic acid Ph. Eur. 1/2	■ approx. 143
N-acetyltryptophan Ph. Eur. 1	■ approx. 205
Adenosine Ph. Eur. 1	■ approx. 234
Adiphenine hydrochloride DAC	■ 114-118
Adipic acid Ph. Eur.	■ 151-154
Malic acid Ph. Eur.	■ 128-132
L-malic acid DAB	■ 102-106
Alfatradiol DAC	■ 222-226
Alfentanil hydrochloride Ph. Eur. 1	■ approx. 140
Allantoin Ph. Eur. 1	■ approx. 225
Alprenolol hydrochloride Ph. Eur.	■ 108-112
Alverine citrate Ph. Eur. 1	■ approx. 104
Amifampridine DAC	■ 217 - 221 under decomposition
4-Aminobenzoic acid Ph. Eur.	■ 186-189 under decomposition
Aminocaproic acid Ph. Eur. 1/ 4	■ approx. 205 (Ph. Eur.) / 202-206 under decomposition (Alt. Ident.)
Aminogluthethimide Ph. Eur.	■ 150-154
5-Aminolevulinic acid hydrochloride DAC	■ 150-154 under decomposition
Aminomethylbenzoic acid DAC	■ > 275 under decomposition
Amisulpride Ph. Eur. 1	■ approx. 126
Amitriptyline hydrochloride Ph. Eur. 4	■ 195-199 under decomposition (Alt. Ident.)
Amobarbital Ph. Eur.	■ approx. 157
Antazoline hydrochloride Ph. Eur. 1	■ approx. 240
Ascorbic acid Ph. Eur. 1	■ approx. 190
Atenolol Ph. Eur.	■ 152-155
Atropine Ph. Eur.	■ 115-119
Atropine sulphate Ph. Eur. 5	■ approx. 190
Azelaic acid DAC	■ 107-110



Substance	Melting range in ° C
B	
Barbital Ph. Eur.	approx. 190
Cottonseed oil, Hydrogenated Ph. Eur .	158-164
Benzbromarone Ph. Eur. 1	approx. 152
Benzethonium chloride Ph. Eur.	158-164
Benzocaine Ph. Eur.	89-92
Benzoic acid Ph. Eur.	121- 124
Benzydamine hydrochloride DAC	158-162
Betahistine dihydrochloride Ph. Eur.	150-154
Betahistine dimcsilate Ph. Eur.	108-112
Betaine hydrochloride DAC 1	228 under decomposition
Betamethasone valerate Ph. Eur.1	approx. 192 under decomposition
Betaxolol hydrochloride Ph. Eur.	113-117
Bezafibrate Ph. Eur.	181-185
Bifonazole Ph. Eur.4	148 -152 (Alt. Ident.)
Bisacodyl Ph. Eur.	131-135
Bromperidol Ph. Eur.	156-159
Bromperidol decanoate Ph. Eur.1	approx. 60
Brompheniramine maleate Ph. Eur.	130-135
Buflomedil hydrochloride Ph. Eur.1	approx. 195
Bumetanide Ph. Eur.1	approx. 233
Bupivacaine hydrochloride Ph. Eur.1	approx. 254
Buprenorphine Ph. Eur.1	approx. 217
Busulfan Ph. Eur.	approx. 116
Butyl 4-hydroxybenzoate Ph. Eur.	68-71
Butylscopolaminium bromide Ph. Eur.	139-141
C	
D-Camphor Ph. Eur.4	■ 175-179 (Ph.Eur.)/ 177-182 (Alt. Ident.)
Camphor, racemic Ph. Eur.	■ 172- 180
Capsaicinoids DAC	■ 61-65
Captopril Ph. Eur. 4	■ 105-110 (Alt. Ident.)
Carbachol Ph. Eur.	■ 199 -207 under decomposition (Alt. Ident.)
Carbamazepine Ph. Eur.	■ 189-193
Carbimazole Ph. Eur.	■ 122-125
Carboplatin Ph. Eur. 1	■ approx. 200
Carisoprodol Ph. Eur.	■ 92-95
Carmustine Ph. Eur. 1	■ approx. 31
Carnauba wax Ph. Eur. 3	■ 80-88
Cetylalkobol Ph. Eur.	■ 46-52
Cetyl palmitate 15 Ph. Eur.1	■ approx. 45
Cetyl palmitate 65 Ph. Eur.1	■ approx. 45
Cetyl palmitate 95 Ph. Eur.1	■ approx. 52
Cetylstearyl alcohol Ph. Eur.	■ 49-56
Chlorambucil Ph. Eur	■ 64-67



Substance	Melting range in ° C
C	
Chloramphenicol Ph. Eur.	■ 149-153
Chloramphenicolpalmitat Ph. Eur.1	■ 87-95
Chlorbutanol Ph. Eur. 1	■ approx. 95
Chlorbutanol-Hemihydrat Ph. Eur.	■ approx. 78
Chlorokresol Ph. Eur.	■ 64-67
Chlorchinphosphat Ph. Eur. 1	■ 195 or 218
Chloroquinsulfat Ph. Eur. 1/ 2	■ approx. 208
Chlorphcnaminmaleat Ph. Eur.	■ 130-135
Chlorphenoxaminhydrochlorid DAC 1	■ 131-149, 8t < 4
Chlorpromazinhydrochlorid Ph. Eur. 1	■ approx. 196
Chlorpropamid Ph. Eur.	■ 126-130
Chlorprothixen DAC 1	■ 97-102
Chlorprothixenhydrochlorid Ph. Eur. 1	■ approx 220
Chlorquinaldol DAC	■ 111 -114
Chlorxylenol DAC	■ 114-116
Chlorzoxazon DAC	■ 189-193
Cholesterin Ph. Eur.	■ 147-150
Cholinhydrogentartrat DAC	■ 147-152
Ciclopirox Ph. Eur.	■ 140-145
Cimelidin Ph. Eur.	■ 139-144
Cinnarizin Ph. Eur.	■ 118- 122
Ciprofibrat Ph. Eur.1	■ approx. 115
Citric acid Ph. Eur.1	■ approx. 153
Clazuril for animals Ph. Eur.	■ 199-203
Clebopridmalate P/t Eur.1	■ approx. 164
Clenhuterol hydrochloride Ph. Eur.1	■ approx. 173
Clioquinol Ph. Eur.4	■ 177 - 181 under decomposition
Clobetasone butyrnt Ph. Eur.1	■ approx. 178
Clobetasol propionate Ph. Eur.™	■ 194 - 198 under decomposition
Clomipramine hydrochloride Ph. Eur.4	■ 191 - 195 under decomposition
Clonazepam Ph. Eur.1	■ approx. 239
Clotrimazole Ph. Eur.4	■ 141- 145 (Ph. Eur.) / 142--146
Clozapine Ph. Eur.	■ 182-186
Cocaine hydrochloride Ph. Eur.1	■ approx. 197
Codeine Ph. Eur.	■ 155-159
Caffeine Ph. Eur.	■ 234-239
Chloramphenicol palmitate Ph. Eur.1	■ 87-95
Cotlein monohydrate Ph. Eur.	■ 234-239
Coumarin DA	■ 68-71
Cyclopentolate hydrochloride Ph. Eur.	■ 135-141
Cyclophosphamide Ph. Eur.	■ approx. 51
Cyproterone acetate Ph. Eur.1	■ approx. 210
Cytarabine Ph. Eur.1	■ approx. 215



Substance	Melting range in ° C
D	
Dapsone Ph. Eur.	■ 175-181
Dcptropincitrate Ph. Eur. 1 / 4	■ approx. 170 (Ph. Eur.) / 168 - 172 under decomposition (Alt. Ident.)
Dcsipramine hydrochloride Ph. Eur. 1	■ approx. 214
Deoxycortonacetal Ph. Eur.	■ 157 -161
Detomidine hydrochloride for animals Ph. Eur.1	■ approx. 160
Dexchlorpheniramine malcat Ph. Eur.	■ 110-115 approx. 125
Dextromethorphanhydrobromide Ph. Ettr.1	■ 110-115 approx. 125
Dcxtromoramide hydrogentartrate Ph. Eur.1	■ approx. 190
Dextropropoxyphene hydrochloride Ph Eur.1	■ approx. 165
Diazcpam Ph. Eur.4	■ 131 -135 (Alt. Ident.)
Diclofenac sodium Ph. Eur. 1	■ approx. 280
Dicthylcarbamazine dihydrogencitra t Ph. Eur. 1	■ approx. 138
Diethylene glycol palmitostearate Ph. Eur. 3	■ 43-50
Diethylstilbestrol Ph. Eur. 1	■ approx. 172
Diltiazem hydrochloride Ph. Eur. 1	■ approx. 213
Dimenhydrinate Ph. Eur.	■ 102-106
Dimethyl fumarate DAC	■ 102-105
Diphenhydramine hydrochloride Ph. Eur.	■ 168-172
Diphenoxylate hydrochloride Ph. Eur. 1	■ approx. 220
Dipivcfrin hydrochloride Ph. Eur. 1	■ approx. 160
Diprophylline Ph. Eur.	■ 160-165
Dipyridamole Ph. Eur. 4	■ 162-168 (Alt. Ident.)
Disulfiram Ph. Eur.	■ 70-73
Dithranol Ph. Eur.	■ 178-182 (Ph. Eur.) / 178 - 182 under decomposition (Alt. Ident.)
Dobutamine hydrochloride Ph. Eur.	■ 189-192
Dodecyl gallate Ph. Eur.	■ approx. 96
Domiphenbromide DAC	■ 113-119
Dompclidone Ph. Eur. 4	■ 244-248 (Ph. Eur.) / 244 248 under Decomposition (Alt. Ident.)
Doxcpin hydrochloride Ph. Eur. 4	■ 185-191 (Ph. Eur.) /185- 191 under Decomposition (Alt Ident.)
Doxylamine hydrogcnsuccinate Ph. Eur.	■ 103-108
E	
Ebastine Ph. Eur. 1	approx. 86
Econazole Ph. Eur.	88-92
Econazole nitrate Ph. Eur. 1 / 4	approx. 165 (Ph. Eur.) / 162-166 under decomposition (Alt. Ident.)
Enalaprilmalcat Ph. Eur. 1	approx. 144
Ephedrine Ph. Eur. 1	approx. 36
Ephedrine hemihydrate Ph. Eur. 1	approx. 42
Ephedrine hydrochloride Ph. Eur. 1	approx. 219
Ephedrine hydrochloride, racemic Ph. Eur.1	approx. 188
Erythritol Ph. Eur.	119-122
Estradiol hemihydrate Ph. Eur.	175-180
Estradiol benzoate Ph. Eur.4	191-198 (Alt. Ident.)



Substance	Melting range in ° C
E	
Estradiol valerate Ph. Eur. 1/4	■ approx. 145 (Ph. Eur.) / 144-148 (Alt. Ident.)
Estriol Ph. Eur. 1	■ approx. 282
Etacrynic acid Ph. Eur.	■ 121-124
Etamsylate Ph. Eur.	■ 127- 134
Ethambutol dihydrochloride Ph. Eur. 5	■ approx. 202
Ethionamide Ph. Eur.	■ 158-164
Elhosuximide Ph. Eur.	■ 45-50
Ethylene glycol monopalmitostearate Ph. Eur. 3	■ 54-60
Ethyl 4-hydroxybenzoate Ph. Eur.	■ 115 -118
Ethyl hydrogen fumarate DAC	■ 66-69
Etilefrin hydrochloride Ph. Eur.	■ 118-122
Etodolac Ph. Eur.	■ 144-150
Etofibrate DAC	■ 48-50
Etomidate Ph. Eur. 1	■ approx. 68
F	
Fampridine DAC	■ 158-162
Felbinac Ph. Eur. 1	■ approx. 164
Fenbufen Ph. Eur.	■ 86-189
Fenofibrate Ph. Eur.	■ 79-82
Fentanyl citrate Ph. Eur. 1	■ approx. 152
Fenticonazole nitrate Ph. Eur.	■ 134-137
Flecainide acetate Ph. Eur.	■ 146-152, $\Delta t < 3$
Flufenamic acid DAC 1	■ 121 -136
Flumazenil Ph. Eur. 1	■ 198-202
Flunarizine dihydrochloride Ph. Eur. 1	■ approx. 208
Fluocinonide DAC 1	■ 300- 310 under decomposition
Flurbiprofen Ph. Eur.	■ 114-117
Flutamide Ph. Eur. 1	■ approx. 112
Flutrimazole Ph. Eur.	■ 161-166
Fuchsin N DAC 1	■ >200
Fumaric acid DAC	■ >230
Furosemide Ph. Eur. 1	■ approx. 210
G	
Gemfibrozil Ph. Eur.	■ 58 - 61
Glibenclamide Ph. Eur.	■ 169-174
Glucono- δ -lactone DAC	■ 152-156
Glycerol dibehenate Ph. Eur.	■ 65- 77
Glycerol distearate Ph. Eur.	■ 50-60 (type I and ID or 50- 70 (type III))
Glycerol monostearate 40-55 Ph. Eur. 3	■ 54-66
Glycerol monostearate 60 DAC	■ 54-64
Glycerol monostearate 90 DAC	■ 66-72



Substance	Melting range in ° C
G	
Glycerol monostearate, emulsifying DAC 3	■ 56-64
Glycolic acid DAC	■ 77-81
Gramicidin Ph. Eur. 1	■ approx. 230
Grisofulvin Ph. Eur. 1	■ approx. 220
Guaifenesin Ph. Eur.	■ 79-83
Guaiacol Ph. Eur. 1	■ approx. 28
Guanethidine monosulphate Ph. Eur. 1	■ approx. 250
H	
Haloperidol Ph. Eur.	150- 153
Haloperidol decanoate Ph. Eur. 1	approx. 42
Urea Ph. Eur. 4	132-136 (Alt. Ident.)
Hartfelt Ph. Eur. 3	30-45
Hard paraffin Ph. Eur. 2	50-61
Hexylresorcinol Ph. Eur.	66-68
Homatropine hydrobromide Ph. Eur. 1	approx. 215
Homatropine methyl bromide Ph. Eur. 1	approx. 190
Hydralazine hydrochloride Ph. Eur. 1	approx. 275
Hydroquinone DAC	172-176
Hydrocortisone acetate Ph. Eur. 1	approx. 220
Hydroxyethyl salicylate Ph. Eur. 1	approx. 21
Hydroxyzine dihydrochloride Ph. Eur. 1	approx. 200
I	
Ibuprofen Ph. Eur.	■ 75-78
Idoxuridine Ph. Eur. 1	■ approx. 180
Imipramine hydrochloride Ph. Eur.	■ 170-174
Indomethacin Ph. Eur.	■ 158-162
Iodoforn DAC 1	■ approx. 122 under decomposition
myo-inositol Ph. Eur. 4	■ 224 - 227 under decomposition (Alt. Ident.)
Iopanoic acid Ph. Eur.	■ approx. 155
Ipratropium bromide Ph. Eur. 1	■ approx. 230
Isoconazole Ph. Eur.	■ 111-115
isoconazole nitrate Ph. Eur.	■ 178- 182
Isoniazid Ph. Eur.	■ 170-174
Isoprenaline hydrochloride Ph. Eur.	■ 165 - 170
Isoprenaline sulphate Ph. Eur. 1	■ approx. 128
Isoxsuprine hydrochloride Ph. Eur. 1/4	■ approx. 205 (Ph. Eur.) / 203- 207 under decomposition (Alt. Ident.)
Isradipine Ph. Eur. 1	■ approx. 168
Itraconazole Ph. Eur. 5	■ 166-170
K	
Cocoa butter DAB3	■ 31-35
Ketamine hydrochloride Ph. Eur. 1	■ approx. 260
Ketoconazole Ph. Eur.	■ 148-152



Substance	Melting range in ° C
K	
Ketoprofen Ph. Eur.	■ 94 - 97
Khellin DAC	■ 153-156
Coconut oil. Refined Ph. Eur.	■ 23-26
L	
Lactobionic acid Ph. Eur. 1	■ approx. 125
Lactulose Ph. Eur. 1	■ approx. 168
Lauromacrogol 400 Ph. Eur.	■ approx. 24
Levamisole hydrochloride Ph. Eur. 4	■ 226-231 (Alt. Ident.)
Levomepromazine hydrochloride Ph. Eur. 1	■ approx. 142 resp. approx. 162
Levomcpromazine maleate Ph. Eur. 1	■ approx. 186
Lcvomethadone hydrochloride Ph. Eur.	■ 239-242
Lidocaine Ph. Eur.	■ 66 - 70
Lidocaine hydrochloride Ph. Eur.	■ 74 - 79
Lomustine Ph. Eur.	■ 89 - 91
Loperamide oxide monohydrate Ph. Eur. 1	■ approx. 152
Lynestrenol Ph. Eur.	■ 161 -165
M	
Macrogol-80-cetylstearyl ether DAC	■ 56-60
Macrogol stearate Ph. Eur.	■ 26-60, depending on degree of ethoxylation
Mahitol Ph. Eur.	■ 148-151
Mannitol Ph. Eur.	■ 165 - 170
Medazepam DAC	■ 100 - 104
Medroxyprogesterone acetate Ph. Eur. 4	■ 205-209 (Alt. Ident.)
Mefloquine hydrochloride Ph. Eur. 1	■ approx. 260
Megestrol acetate Ph. Eur. 1	■ approx. 217
Meglumine Ph. Eur. 1	■ approx. 128
Melatonin DAC	■ 116-120
Menadione Ph. Eur.	■ 105-108
Menthol Ph. Eur. 1 /4	■ approx. 43 (Ph. Eur.) / 41-45 (Alt. Ident.)
Menthol. Racemic Ph. Eur. 1	■ approx. 34
Mepivacaine hydrochloride Ph. Eur. 1	■ approx. 260
Mcprobamate Ph. Eur.	■ 104-108
Mcpyramine maleate Ph. Eur.	■ 99-103
Mercaptamine hydrochloride DAC	■ 68-72
Mesterolone Ph. Eur.	■ 206-211
Mestranol Ph. Eur.	■ 150-154
Metacresol Ph. Eur. 1	■ approx. 11
Mctformin hydrochloride Ph. Eur.	■ 222-226
Mcthadone hydrochloride Ph. Eur.	■ 233-236
Methionine, racemic Ph. Eur. 1/ 2	■ approx 270



Substance	Melting range in ° C
M	
Methoxsalen DAC	■ 143-148
Methyl 4-hydroxybenzoate Ph. Eur. 4	■ 125 - 129 (Alt. Ident.)
Methyl nicotinate Ph. Eur. 4	■ 40-43 (Alt. Ident.)
Methylphenobarbital Ph. Eur.	■ approx. 178
Methyltestosterone Ph. Eur.	■ 162-168
Metodopramide Ph. Eur.	■ 145-149
Metoclopramide hydrochloride Ph. Eur. 1	■ approx. 183 under decomposition
Mctrifonate Ph. Eur. 1	■ 76-81
Metronidazole Ph. Eur.	■ 159-163
Metronidazole benzoate Ph. Eur.	■ 99-102
Miconazole Ph. Eur.	■ 83-87
Miconazole nitrate P/r. Eur.4	■ 178-184 (Ph. Eur.) / 178-184 under decomposition (Alt. Ident.)
Midazolam Ph. Eur.	■ 161-164
Midazolam hydrochloride DAC 1	■ > 289 under decomposition
Molsidomine Ph. Eur. 1	■ approx. 142
Momctasone furoate Ph. Eur. 1	■ approx. 220
Morantclhydrogentartrate for animals Ph. Eur.	■ 167-172
Mycophenolate mofetil Ph. Eur. 1	■ approx. 96
N	
Nalidixic acid Ph. Eur. 1	■ approx. 230
Nandrolone decanoate Ph. Eur.	■ 34 - 38
Naphazoline hydrochloride Ph. Eur. 1	■ approx. 259
Naphazoline nitrate Ph. Eur. 4	■ 167 -171 under decomposition (All. Ident.)
Naproxen Ph. Eur.	■ 154-158
Sodium amidotrizoate Ph. Eur. 1	■ approx. 261
Sodium pantothenate DAB	■ 166-171
Neostigmine bromide Ph. Eur. 4	■ 171-- 176 under decomposition (Alt. Ident.)
Ncostigmine methyl sulphate Ph. Eur.	■ 144-149
Niclosamide Ph. Eur.	■ 227-232
Niclosamide monohydrate Ph. Eur.	■ 227-232
Nicotinamide Ph. Eur.	■ 128-131
Nicotinic acid Ph. Eur.	■ 234-240
Nifedipine Ph. Eur.	■ 171-175
Ninemic acid Ph. Eur. 1	■ approx. 204
Nimesulide Ph. Eur. 1	■ approx. 149
Nizatidine Ph. Eur.	■ 131-134
Nonivamide DAC	■ 58-62
Norethisterone acetate Ph. Eur. 4	■ 162-165 (Alt. Ident.)
nortriptyline hydrochloride Ph. Eur.	■ 216-220
Noscapine Ph. Eur.	■ 174-177
Noscapine hydrochloride monohydrate Ph. Eur. 1	■ approx. 200



Substance	Melting range in ° C
0	
Octenidine dihydrochloride DAC 1	■ >211 under decomposition
Octyl gallate Ph. Eur.	■ approx. 101
Orotic acid DAC 1	■ >200 under decomposition
Orphenadrin citrate Ph. Eur. 1	■ approx. 137
Orphenadrine hydrochloride Ph. Eur. 1	■ approx. 160
Oxetacaine DAC 1	■ approx. 102 under decomposition
Oxprenolol hydrochloride Ph. Eur.	■ 107 - 110
Oxybuprocaine hydrochloride Ph. Eur.	■ 158 - 162
Oxybutynin hydrochloride Ph. Eur.	■ 124-129
P	
Papaverine hydrochloride Ph. Eur. 4	■ 220 - 225 under decomposition (Alt. Ident.)
Paracetamol Ph. Eur.	■ 168-172
Partial glyceridec, medium chain DAB 3	■ 22-27
Pentobarbital Ph. Eur.	■ approx. 133
Pcntoxifylline Ph. Eur.	■ 103-107
Pentoxyverincitrate Ph. Eur. 1	■ approx. 93
Perazine bis (hydrogenmalonate) DAC	■ 114-118
Perphenazine Ph. Eur.	■ 96-100
Pethidine hydrochloride Ph. Eur.	■ 187-190
Phcnacstin for stabilisation DAC	■ 134-137
Phenazone Ph. Eur.	■ 109-113
Phcniramine maleate Ph. Eur.	■ 106-109
Phenobarbital Ph. Eur.	■ approx. 176
Phenolphthalein Ph. Eur. 1	■ approx. 260
Phcnprocoumon DAC	■ 177 -181
Phcntolamine mesilate Ph. Eur.	■ 178 - 182
Phcnylhutazone Ph. Eur.	■ 104-107
Phenylephrine Ph. Eur. 1	■ approx. 174
Phenylephrine hydrochloride Ph. Eur. 1 / 4	■ approx. 143 (Ph. Eur.) / 140-145 (Alt. Ident.)
Phenylpropanolamine hydrochloride Ph. Eur.	■ 194-197
Physostigmine salicylate Ph. Eur. 1	■ approx. 182
Pilocarpine hydrochloride Ph. Eur. 1	■ approx. 203
Pilocarpine nitrate Ph. Eur. 1 / 4	■ approx. 174 (Ph. Eur.) / 171-175 under decomposition (Alt. Ident.)
Pimobendan Ph. Eur. 1	■ approx. 242
Pimozide Ph. Eur.	■ 216-220
Pindolol Ph. Eur.	■ 169-174
Pipcrazinadipate Ph. Eur. 1	■ approx. 250
Piperazine citrate Ph. Eur. 1	■ approx. 190
Piperazine hexahydrate Ph. Eur. 1	■ approx. 43
Podophyllotoxin DAC 1	■ approx. 183
Poloxamer 188 Ph. Eur. 1 / 4	■ approx. 50 (Ph. Eur.) / 52-57 (Alt. Ident.)



Substance	Melting range in ° C
P	
Polaxamer 237 Ph. Eur. 1	■ approx. 50
Polaxamer 338 Ph. Eur. 1	■ approx. 50
Polaxamer 407 Ph. Eur. 1 / 4	■ approx. 50 (Ph. Eur.) / 52-57 (Alt. Ident.)
Prazepam Ph. Eur. 1	■ approx. 145
Prednisolone pivalate Ph. Eur. 1	■ approx. 229
Prilocaine Ph. Eur. 5	■ 36 -39
Prilocaine hydrochloride Ph. Eur.	■ 168 - 171
Primaquine bisdihydrocgn phosphate Ph. Eur. 1	■ approx. 200
Probenecid Ph. Eur.	■ 197-202
Procainamide hydrochloride Ph. Eur.	■ 166-170
Procaine hydrochloride Ph. Eur.	■ 154- 158
Promazine hydrochloride Ph. Eur. 1	■ approx. 179
Promethazine hydrochloride Ph. Eur. 1/4	■ approx. 222 (Ph. Eur.) / 220-224 under decomposition (Alt. Ident.)
Propafenone hydrochloride Ph. Eur. 1	■ approx. 173
Propranolol hydrochloride Ph. Eur.	■ 163-166
Propylene glycol monopalmitostearate Ph. Eur. 3	■ 33-40
Propyl 4-hydroxybenzoate Ph. Eur.	■ 96-99
Propyl gallate Ph. Eur.	■ 148-151
Propylthiouracil Ph. Eur.	■ 217-221
Propyphenazone Ph. Eur.	■ 102-106
Proxymetacaine hydrochloride DAC	■ 180-185 under decomposition
Proxiphylline Ph. Eur.	■ 34-136
Pseudoephedrine hydrochloride Ph. Eur. 1	■ approx. 184
Pyrazinamide Ph. Eur.	■ 188-191
Pyridoxine hydrochloride Ph. Eur. 1/4	■ approx. 205 (Ph. Eur.) / 204-208 under decomposition (Alt. Ident.)
Pyrimethamine Ph. Eur.	■ 239-243
R	
Resorcinol Ph. Eur. 4	■ 109- 112 (Ph. Eur.) / 109- 113 (Alt. Ident.)
Castor oil, Hydrogenated Ph. Eur.	■ 83-88
S	
Saccharin Ph. Eur.	■ 226-230
Salbutamol Ph. Eur. 1	■ approx 155
Salicylamide DA C	■ 139 - 142
Salicylic acid Ph. Eur.	■ 158-161
Sulphur for external use Ph. Eur. 1	■ approx. 120
Scopolamine Ph. Eur. 1	■ 66-70
Selegiline hydrochloride Ph. Eur. 1	■ approx. 143
Sertaconazole nitrate Ph. Eur.	■ 156 - 161
Sheahuller, Refined DAC 3	■ 28-45
Soya oil, Hydrogenated Ph. Eur. 3	■ 66 - 72
Sorbic acid Ph. Eur.	■ 132-136



Substance	Melting range in ° C
S	
Sorbitan monopahnitate Ph. Eur. 3	■ 44 - 51
Sorbitan monostearate Ph. Eur. 3	■ 50-60
Sorbitan tristearate DAC	■ 52-58
Stearyl alcohol Ph. Eur.	■ 57- 60
Sufentanil Ph. Eur. 1	■ approx. 98
Sufentanil citrate Ph. Eur. 1	■ approx. 140
Sulfacetamide DAC	■ 181-185
Sulfadiazine Ph. Eur. 1 / 4	■ approx. 255 (Ph. Eur.)/252-256 under decomposition (Alt. Ident.)
Sulfadimidine Ph. Eur. 1/ 4	■ approx. 197 (Ph. Eur.)/197 -201 under decomposition (Alt. Ident.)
Sulfadoxine Ph. Eur.1	■ approx. 198
Sulfafurazole Ph. Eur. 1/4	■ approx. 197 (Ph. Eur.)/195-199 under decomposition (Alt. Ident.)
Sulfaguanidine Ph. Eur.	■ 189-193
Sulfamerazine Ph. Eur. 1 / 4	■ approx. 235 (Ph. Eur.)/233-237 under Decomposition (Alt. Ident.)
Sulfamethizol Ph. Eur. 1	■ about 210
Sulfamethoxazole Ph. Eur.	■ 169-172
Sulfamethoxypyridazine for animals Ph. Eur. 1	■ about 180
Sulfanilamide Ph. Eur. 4	■ 64,5 - 167 (Alt. Ident.)
Sulfathiazole Ph. Eur. 4	■ 200-203 (Ph. Eur.) 200-204 (Alt. Ident.)
Sulfinpyrazone Ph. Eur. 2	■ 131-135
Sulindac Ph. Eur.	■ 182-186
Sulpiride Ph. Eur.	■ 177- 181
Suxamethonium chloride Ph. Eur.	■ about 160
T	
Tamsulosin hydrochloride Ph. Eur.1	■ approx. 230
Terfenadine Ph. Eur.	■ 146 - 152
Testosterone Ph. Eur. 1 14	■ approx. 155 (Ph. Eur.) / 153 157 (Alt. Ident.)
Tcstoslerone antate Ph. Eur.	■ 34-39
Tcstosterone propionate Ph. Eur. 4	■ 119-123 (Alt. Jdent.)
Tetracaine hydrochloride Ph. Eur. 1	■ approx. 134. approx. 139 or approx. 148 (depending on the polymorph present)
Thalidomide DAC 1	■ 273 under decomposition
Theophylline Ph. Eur.	■ 270-274
Theophylline monohydrate Ph. Eur.	■ 270-274
Thiamazole Ph. Eur.	■ 143 - 146
Thiamphenicol Ph. Eur.	■ 163-167
Thioctsäurc Ph. Eur. 1	■ approx. 61
Thymol Ph. Eur.	■ 48-52
Tiabcndazole Ph. Eur.1	■ approx. 300
Tiaprofenic acid Ph. Eur.	■ 95-99
Timolol maleate Ph. Eur.1	■ approx. 199
Tinidazole Ph. Eur.	■ 125-128
Tolbutamide Ph. Eur.	■ 126-130



Substance	Melting range in ° C
T	
Tolfenamic acid Ph. Eur.. 1	■ approx. 213
Tolnaftate Ph. Eur. 5	■ 109-112
Tramadol hydrochloride Ph. Eur.	■ 180-184
Trapidil Ph. Eur. 1	■ approx. 102
Tretinoin Ph. Eur.1 /4	■ approx. 182 (Ph. Eur.) / 178-182 under decomposition (Alt. Ident.)
Triclosan DAC	■ 56-60
Trifluoperazine dihydrochloride Ph. Eur.1	■ approx. 242
Triflusal Ph. Eur.1	■ approx. 118
Trihexyphenidyl hydrochloride Ph. Eur.1	■ approx. 250
Trimethadione Ph. Eur.	■ 45-47
Trimethoprim Ph. Eur.	■ 199-203
Trimipramine maleal Ph. Eur.	■ 140-144
Trometamol Ph. Eur.	■ 168-174
Tropicamide Ph. Eur.	■ 95-98
U	
Ubidecarenone Ph. Eur. 1 / 4	■ approx. 48 (Ph. Eur.) / 48-52 (Alt. Ident.)
Uridine DAC	■ 165- 169
Ursodeoxycholic acid Ph. Eur. 1	■ approx. 202
V/W	
Vanillin Ph. Eur.	■ 81-84
Verapamil hydrochloride Ph. Eur. 1/4	■ approx. 144 (Ph. Eur.) / 143-147 (Alt. Ident.)
Wool wax. Hydrogenated Ph. Eur. 3	■ 45-55
Wool wax alcohols Ph. Eur. 3	■ >58
X / Z	
Xylitol Ph. Eur.	■ 92-96
Zidovudine Ph. Eur.5	■ approx. 124
Zinc acexamate Ph. Eur.1	■ approx. 198
Zinc undecylcnate Ph. Eur.1	■ 116-121
Zopiclone Ph Eur.5	■ approx. 177

Caption

¹ = The melting temperature is listed under " characteristics ".

² = Immediate melting point (2.2.16)

³ = Immediate melting point (2.2.15)

⁴ = The melting temperature is used in the Alternative Identifications of the DAC/NRF in connection with the determination of the mixing melting point. In some circumstances, the corresponding monograph of the DAB, DAC/NRF or Ph. Eur. does not contain a melting temperature specification. In some cases, the indication of the upper melting temperature interval in the alternative identifications is slightly higher than in the corresponding monographs of DAB, DAC/NRF or Ph.Eur. due to experimental error.

⁵ = The melting temperature was formerly listed under " characteristics " and has been omitted.

Δ/ = This value specifies an interval in which the substance must melt in the specified melting temperature range.

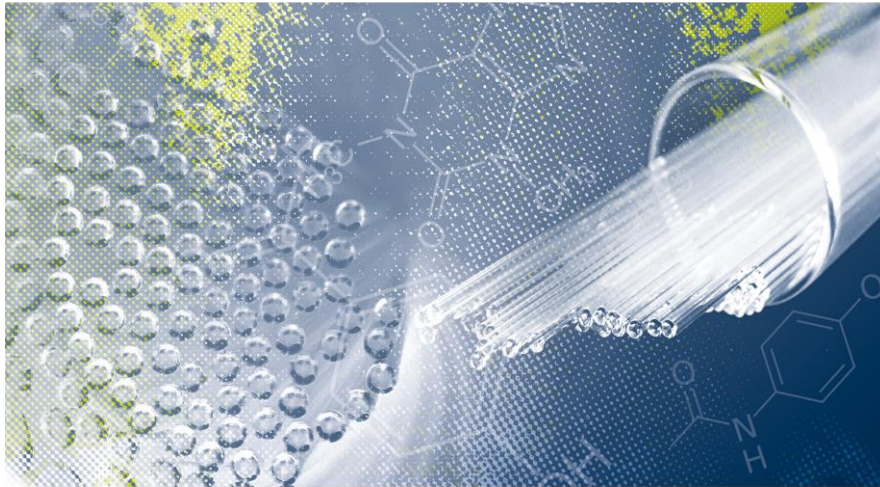
(Alt. Ident.) = Alternative identification according to DAC/NRF

DAB = DABmonograph

DAC = DAC monograph

Ph. Eur. = Ph. Eur. monograph

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