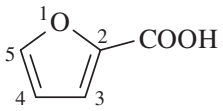
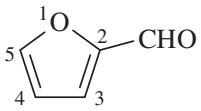
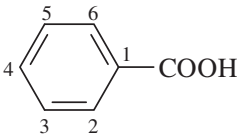
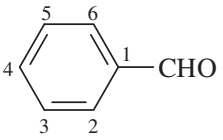
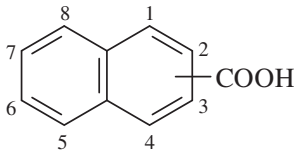
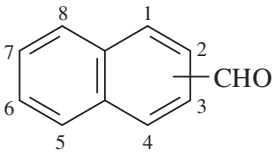
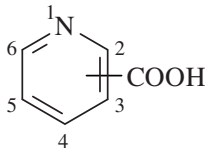
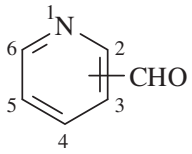
14B. Aldehyder, carboxylsyrer (bortset fra α-aminosyrer) samt carboxylsyrederivater (amider, imider, nitriler, hydrazider) med ikke-systematiske stamnavne [1)]

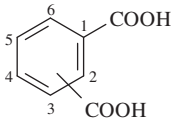
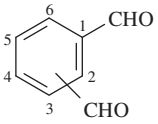
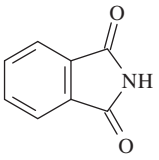
Acykliske forbindelser **Carboxylsyre/anion(er)**	**Tilsvarende** **(formelle) aldehyd**	**Andre derivater** [2)]
$H_2NCOOH/H_2NCO_2^-$ carbaminsyre, aminomethansyre[*)]/carbaminat	$HCONH_2$ formamid[3)], methanamid[*)]	carbamid, isocarbamid (se tabel 14C) carbodiimid (se tabel 14C)[4)] semicarbazid (se tabel 14C)
$HOCOOH/HOCO_2^-/CO_3^{2-}$ kulsyre, carbonsyre/ hydrogencarbonat/carbonat	HCOOH myresyre[5)], methansyre[*)]	carbaminsyre (se ovenfor) HOC≡N, cyansyre carbonohydrazid (se tabel 14C)
$CH_3COOH/CH_3CO_2^-$ eddikesyre, ethansyre[*)]/ acetat, ethanoat[*)]	CH_3CHO acetaldehyd, ethanal[*)]	CH_3CONH_2, acetamid, ethanamid[*)] $CH_3C{\equiv}N$, acetonitril, ethannitril[*)] $CH_3CONHNH_2$, acethydrazid, ethanhydrazid[*)]
$H_2NCOCOOH/H_2NCOCO_2^-$ oxamidsyre/oxamat	$OHCCONH_2$ glyoxylamid	$(CONH_2)_2$, oxamid $H_2NCOC{\equiv}N$, oxamidsyrenitril $H_2NCOCONHNH_2$, oxamidsyrehydrazid
$CH_2{=}CHCOOH/CH_2{=}CHCO_2^-$ acrylsyre, propensyre[*)]/ acrylat, propenoat[*)]	$CH_2{=}CHCHO$ acrylaldehyd, propenal[*)]	$CH_2{=}CHCONH_2$, acrylamid, propenamid[*)] $CH_2{=}CHC{\equiv}N$, acryl(o)nitril, propennitril[*)] $CH_2{=}CHCONHNH_2$, acrylhydrazid

Acykliske forbindelser **Carboxylsyre/anion(er)**	**Tilsvarende** **(formelle) aldehyd**	**Andre derivater** [2)]
$HOOCCH_2COOH/HOOCCH_2CO_2^-/$ $^-O_2CCH_2CO_2^-$ malonsyre, propandisyre[*)]/ hydrogenmalonat, hydrogen- propandioat/malonat, propandioat[*)]	$OHCCH_2CHO$ malonaldehyd, propandial[*)]	$H_2NCOCH_2CONH_2$, malonamid, propandiamid[*)] $N{\equiv}CCH_2C{\equiv}N$, malononitril, propandinitril[*)] $H_2NNHCOCH_2CONHNH_2$, malonhydrazid, propandihydrazid[*)]
$HOOC(CH_2)_2COOH/HOOC(CH_2)_2CO_2^-/$ $^-O_2C(CH_2)_2CO_2^-$ ravsyre/hydrogensuccinat/ succinat	$OHC(CH_2)_2CHO$ succinaldehyd, butandial[*)]	$H_2NCO(CH_2)_2CONH_2$, succinamid, butandiamid[*)] pyrrolidin-2,5-dion[*)], succinimid (se 🌐 3.3.2.8) $N{\equiv}C(CH_2)_2C{\equiv}N$, succinonitril, butandinitril[*)] $H_2NNHCO(CH_2)_2CONHNH_2$, succinhydrazid, butandihydrazid[*)]
HOOCCH=CHCOOH(*trans*)/ $HOOCCH{=}CHCO_2^-/$ $^-O_2CCH{=}CHCO_2^-$ fumarsyre/hydrogenfumarat/ fumarat	OHCCH=CHCHO (*trans*) fumaraldehyd, (*E*)-butendial[*)]	$H_2NCOCH{=}CHCONH_2$ (*trans*), fumaramid, (*E*)-butendiamid[*)] $N{\equiv}CCH{=}CHC{\equiv}N$, fumaronitril, (*E*)-butendinitril[*)] fumarhydrazid
HOOCCH=CHCOOH(*cis*)/ $HOOCCH{=}CHCOO^-/$ $^-O_2CCH{=}CHCO_2^-$ maleinsyre/hydrogenmaleat/ maleat	OHCCH=CHCHO (*cis*) maleinaldehyd, (*Z*)-butendial[*)]	$H_2NCOCH{=}CHCONH_2$ (*cis*), maleinamid, (*Z*)-butendiamid[*)] 2,5-dihydropyrrol-2,5-dion[*)], maleinimid (se 🌐 3.3.2.8) $N{\equiv}CCH{=}CHC{\equiv}N$, maleonitril, (*Z*)-butendinitril[*)] maleinhydrazid

14B (fortsat)

Carboxylsyre	Aldehyd	Øvrige derivater[2)]
		furan-2-carboxamid[*)] furan-2-carbonitril[*)] furan-2-carbohydrazid[*)]
furan-2-carboxylsyre[6)*)]	furfural[6)] furan-2-carbaldehyd[*)]	
		benzamid, benzencarboxamid[*)] benzonitril, benzencarbonitril[*)] benzhydrazid, benzencarbo⊂ hydrazid[*)]
benzoesyre benzencarboxylsyre[*)]	benzaldehyd benzencarbaldehyd[*)]	
		1- og 2-naphthamid 1- og 2-naphthonitril 1- og 2-naphthohydrazid
1-naphthoesyre hhv. 2-naphthoesyre (naphthalen-1-carboxylsyre[*)] hhv. -2-carboxylsyre)	1-naphthaldehyd hhv. 2-naphthaldehyd	
		nicotinamid/iso-[7)] nicotinonitril/iso-[7)] nicotinhydrazid/iso-[7)]
nicotinsyre[7)], pyridin-3-⊂ carboxylsyre[*)] hhv. isonicotinsyre, pyridin-4-⊂ carboxylsyre[*)]	nicotinaldehyd[7)] hhv. isonicotinaldehyd	

Tabel 14B

Carboxylsyre	Aldehyd	Øvrige
 phthalsyre hhv. isophthalsyre hhv. terephthalsyre (svarende til hhv. 1,2-; 1,3- og 1,4-isomeren)	 phthalaldehyd hhv. isophthalaldehyd hhv. terephthalaldehyd	phthalamid/iso-/tere- phthalonitril/iso-/tere- phthalhydrazid/iso-/tere-  phthalimid[8)]

*) Systematisk navn. Se det overordnede tabelhovede for tabel 14.

1) Systematiske navne er medtaget i det omfang, det ikke gjorde opstillingen for uoverskuelig. Aldehyd-, amid- og anilidsyrer svarende til disyrerne (jf. 🌐 3.3.2.7) er ikke medtaget her. Aminosyrer, se tabel 15. Allophansyre og hydantoinsyre, se tabel 14C.

2) Amid, eventuelt imid, nitril, hydrazid er anført i denne rækkefølge (undtagen ved phthalimid).

3) Navnet formamid er ikke stamnavn, men tager man IUPAC [4, tabel 28] bogstaveligt, er 'carbamaldehyd' brugbart som stamnavn. Formelle derivater af formamid navngives dog ud fra flere forskellige stamforbindelser, fx $ClCONH_2$ = H_2NCOCl, carbamoylchlorid; $HCON(CH_3)_2$, *N,N*-dimethylformamid; $NC{-}CONH_2$, oxamidsyrenitril.

4) Carbodiimid, HN=C=NH, er tautomer med carbaminsyres formelle nitril, $H_2N{-}CN$, der kan kaldes carbaminsyrenitril eller cyanazan.

5) Ikke stamnavn.

6) På engelsk har man de accepterede trivialnavne 'furoic acid' og 'furaldehyde'. Det danske trivialnavn pyroslimsyre ligger nok sprogligt for langt fra furan til at kunne accepteres som systemnavn. Furfural synes et naturligt modstykke til furaldehyde og er derfor medtaget her.

7) 1,2-Isomererne har ikke accepterede ikke-systematiske navne.

8) Navngivet som heterocyklisk forbindelse: isoindolin-1,3-dion (jf. tabel 6, fodnote 11).