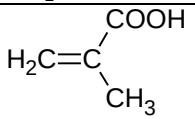
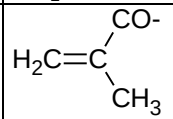
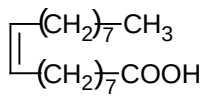
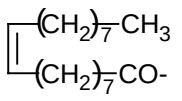
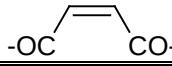
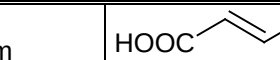
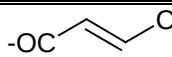
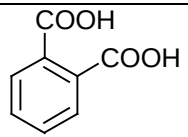
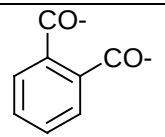
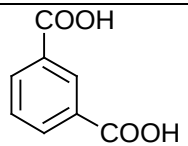
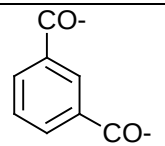
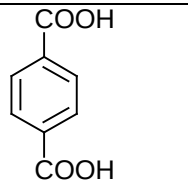
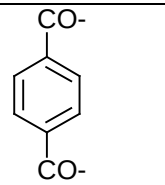
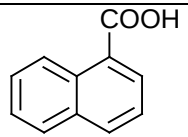
Názvy kyselin			Vzorec	Acylové zbytky	
systematický	**triviální**	**latinský**		**triviální název**	**vzorec**
a) Nasycené alifatické monokarboxylové kyseliny					
methanová	mravenčí	acidum formicum	$HCOOH$	formyl	$HCO-$
ethanová	octová	acidum aceticum	CH_3COOH	acetyl	CH_3CO-
propanová	propionová	acidum propionicum	CH_3CH_2COOH	propionyl	CH_3CH_2CO-
butanová	máselná	acidum butyricum	$CH_3(CH_2)_2COOH$	butyryl	$CH_3(CH_2)_2CO-$
pentanová	valerová	acidum valericum	$CH_3(CH_2)_3COOH$	valeryl	$CH_3(CH_2)_3CO-$
hexanová	kapronová	acidum capricum	$CH_3(CH_2)_4COOH$	kapronoyl	$CH_3(CH_2)_4CO-$
dodekanová	laurová	acidum lauricum	$CH_3(CH_2)_{10}COOH$	lauroyl	$CH_3(CH_2)_{10}CO-$
tetradekanová	myristová	acidum myristicum	$CH_3(CH_2)_{12}COOH$	myristoyl	$CH_3(CH_2)_{12}CO-$
hexadekanová	palmitová	acidum palmiticum	$CH_3(CH_2)_{14}COOH$	palmitoyl	$CH_3(CH_2)_{14}CO-$
oktadekanová	stearová	acidum stearicum	$CH_3(CH_2)_{16}COOH$	stearoyl	$CH_3(CH_2)_{16}CO-$
b) Nasycené alifatické dikarboxylové kyseliny					
ethandiová	šťavelová	acidum oxalicum	$HOOC-COOH$	oxalyl	$-COCO-$
propandiová	malonová	acidum malonicum	$HOOC-CH_2-COOH$	malonyl	$-OC-CH_2-CO-$
butandiová	jantarová	acidum succinicum	$HOOC-(CH_2)_2-COOH$	sukcinyl	$-OC-(CH_2)_2-CO-$
pentandiová	glutarová	acidum glataricum	$HOOC-(CH_2)_3-COOH$	glutaryl	$-OC-(CH_2)_3-CO-$
hexandiová	adipová	acidum adipicum	$HOOC-(CH_2)_4-COOH$	adipoyl	$-OC-(CH_2)_4-CO-$
c) Nenasycené alifatické kyseliny					
propenová	akrylová	acidum acrylicum	$CH_2=CH-COOH$	akryloyl	$CH_2=CH-CO-$
2-methylpropenová	metakrylová	acidum metaacrylicum		metaacryloyl	
cis-9-oktadecenová	olejová	acidum oleicum		oleoyl	

Názvy kyselin			Vzorec	Acylové zbytky	
systematický	**triviální**	**latinský**		**triviální název**	**vzorec**
cis-butendiová	maleinová	acidum maleinicum		maleinoyl	
trans-butendiová	fumarová	acidum fumaricum		fumaroyl	
cis-hexadec-9-enová	palmitolejová	acidum palmitoleicum	$CH_3(CH_2)_7CH=CH(CH_2)_5COOH$	palmitoleoyl	$CH_3(CH_2)_7CH=CH(CH_2)_5CO-$
cis-oktadeka-9,12-dienová	linolová	acidum linoleicum	$CH_3(CH_2)_4CH=CHCH_2CH=CH(CH_2)_7COOH$	linoloyl	$CH_3(CH_2)_4CH=CHCH_2CH=CH(CH_2)_7CO-$
cis-oktadeka-6,9,12-trienová	linolenová	acidum linolenicum	$CH_3CH_2CH=CHCH_2CH=CHCH_2CH=CH-(CH_2)_7COOH$	linolenoyl	$CH_3CH_2CH=CHCH_2CH=CHCH_2CH=CH-(CH_2)_7CO-$
d) karbocyklické karboxylové kyseliny					
benzenkarboxylová	benzoová	acidum bensoicum	C_6H_5COOH	benzoyl	C_6H_5CO-
benzen-1,2-dikarboxylová	ftalová	acidum ftalicum		ftaloyl	
benzen-1,3-dikarboxylová	isoftalová	acidum isoftalicum		isoftaloyl	
benzen-1,4-dikarboxylová	tereftalová	acidum tereftalicum		tereftaloyl	
naftalenkarboxylová	naftoová	acidum nafticum		naftoyl