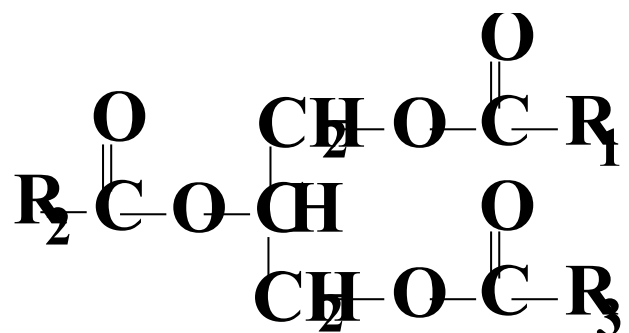


Lipidy



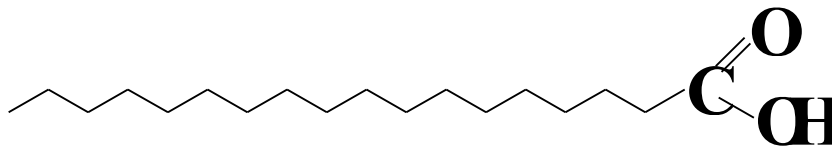
glycerol



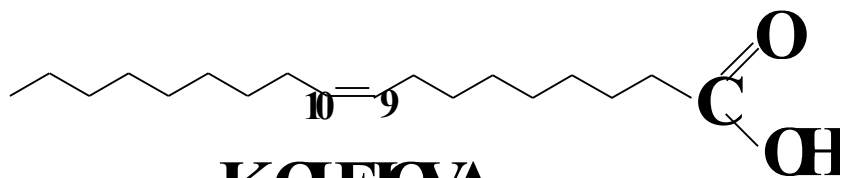
derivát sn-g
(L-glycérol)



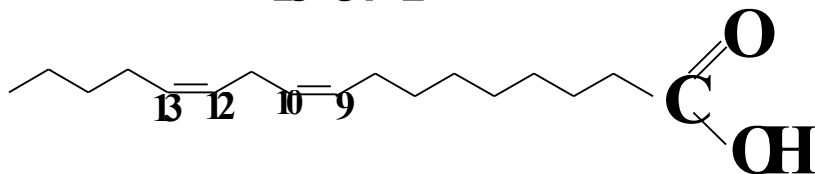
Κ.ΡΑΛΜΙΟΝΑ
 $\text{C}_{16}\text{H}_{32}\text{O}_2$



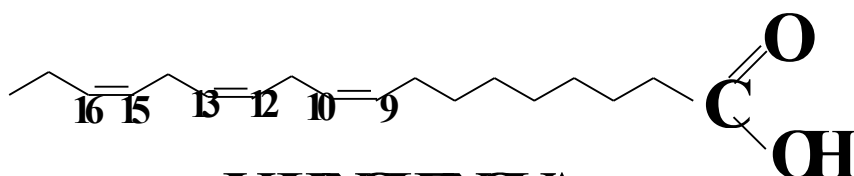
Κ.ΣΤΕΑΡΟΝΑ
 $\text{C}_{18}\text{H}_{36}\text{O}_2$



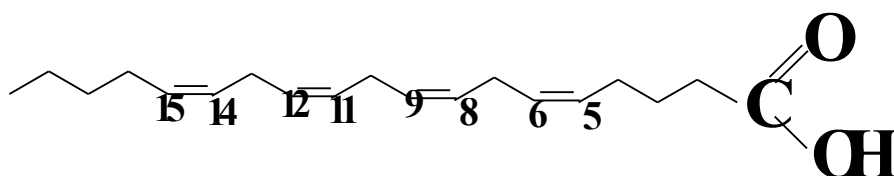
KOLEJOVA



KUNLOVA

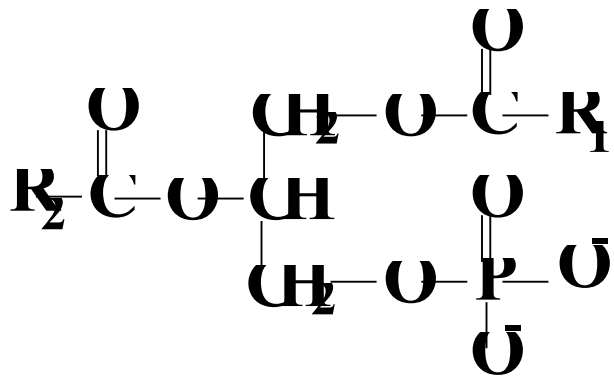


KLINLENOVA



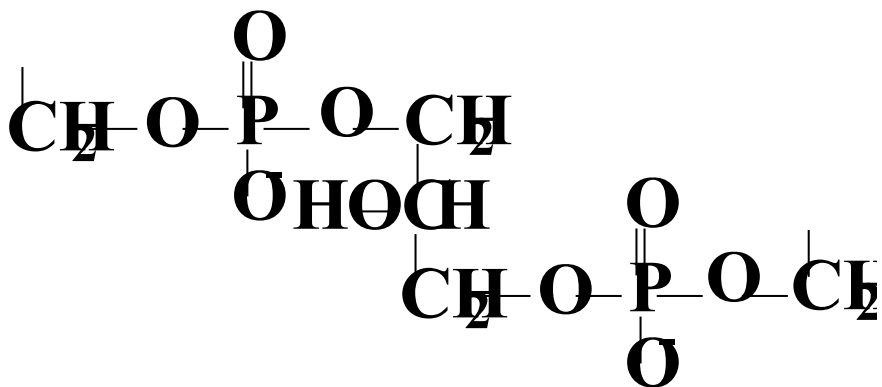
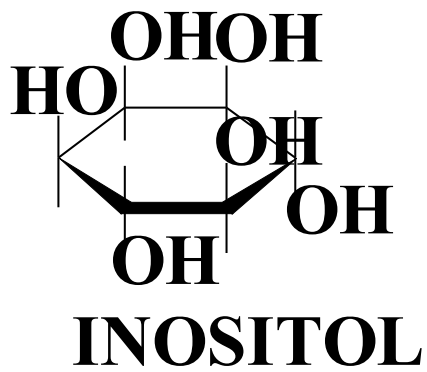
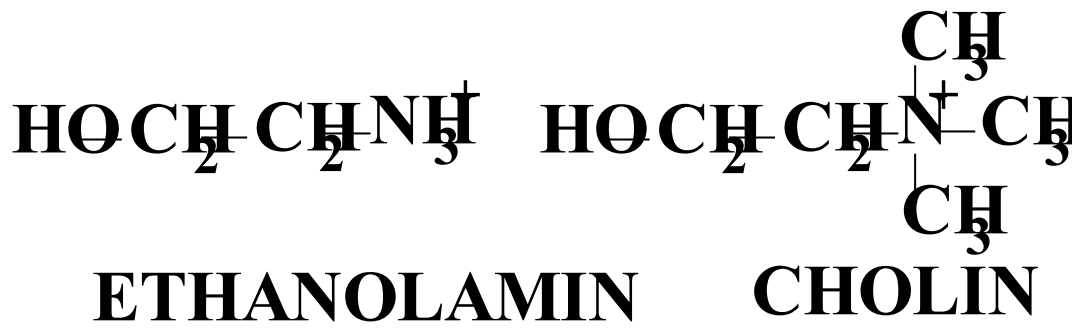
KARACHONOVA

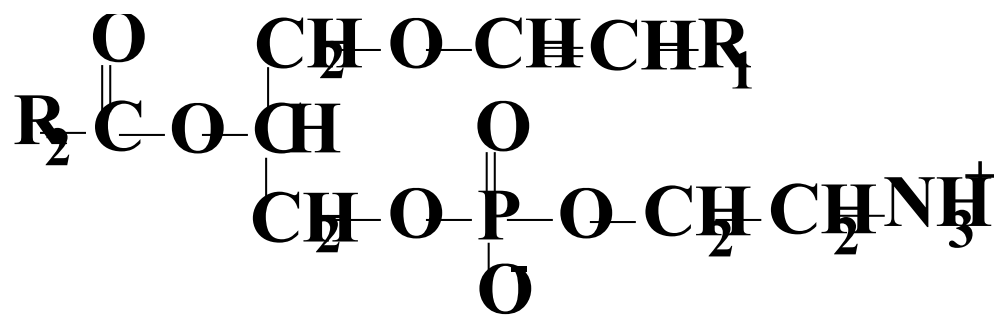




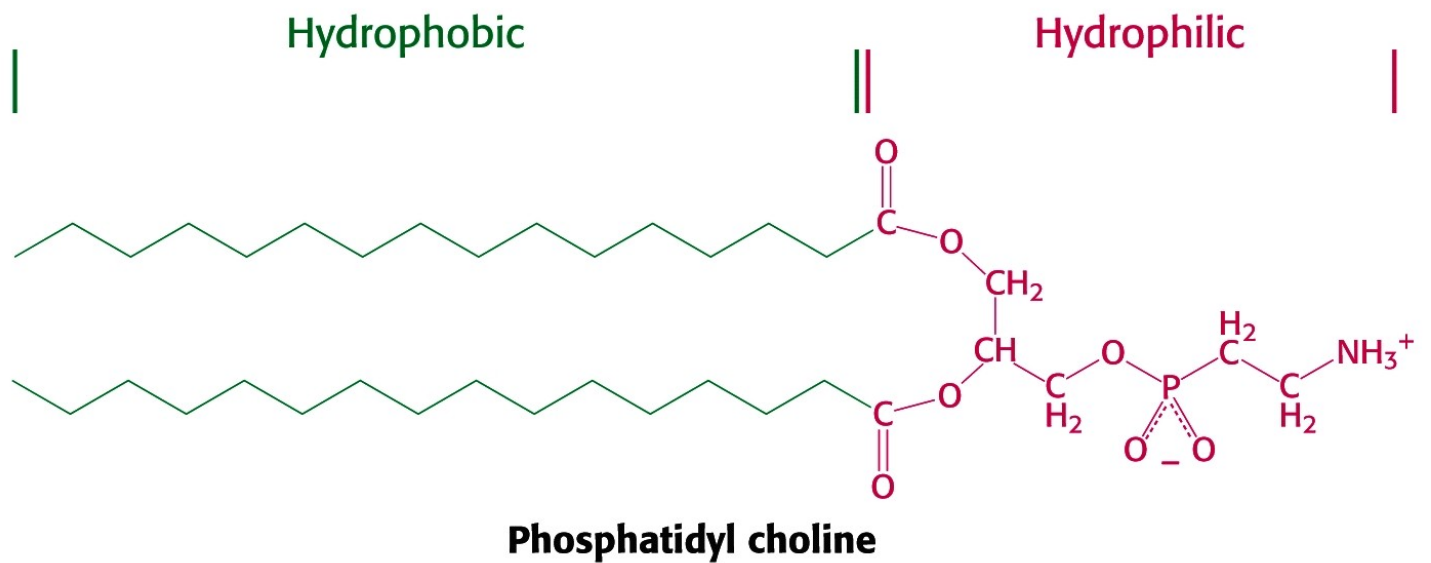
KLASEFIKACE

1,2-dacylglycerol-3-fosforečnan



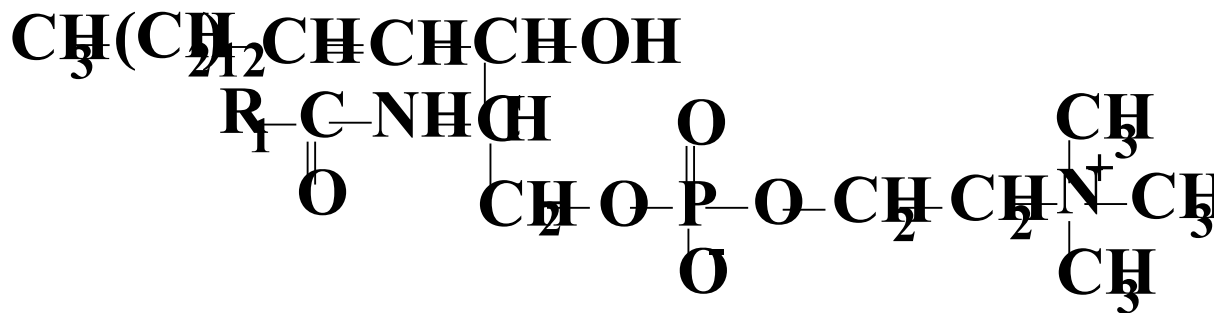


Fosfatidyl etanolamin - kefalín

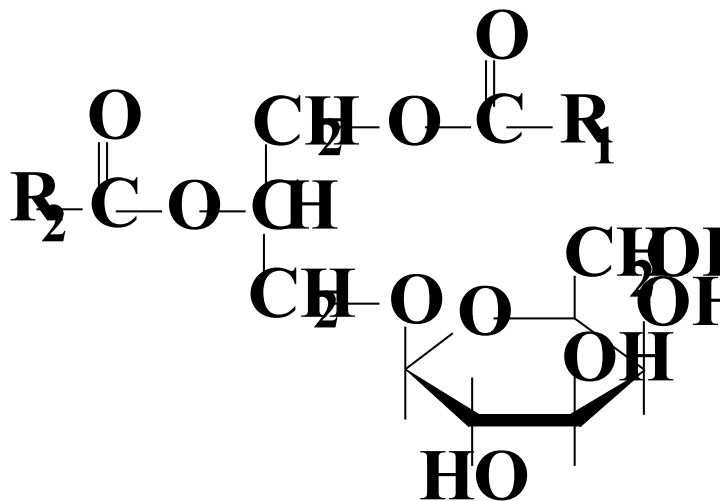


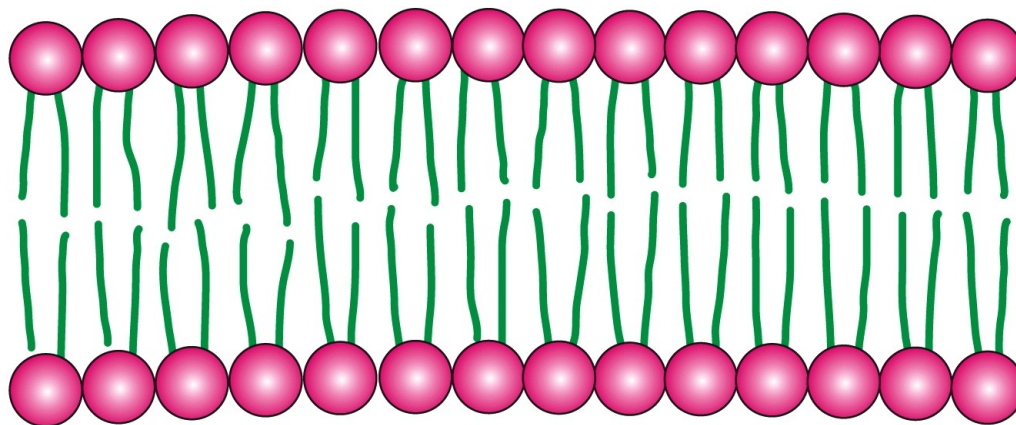
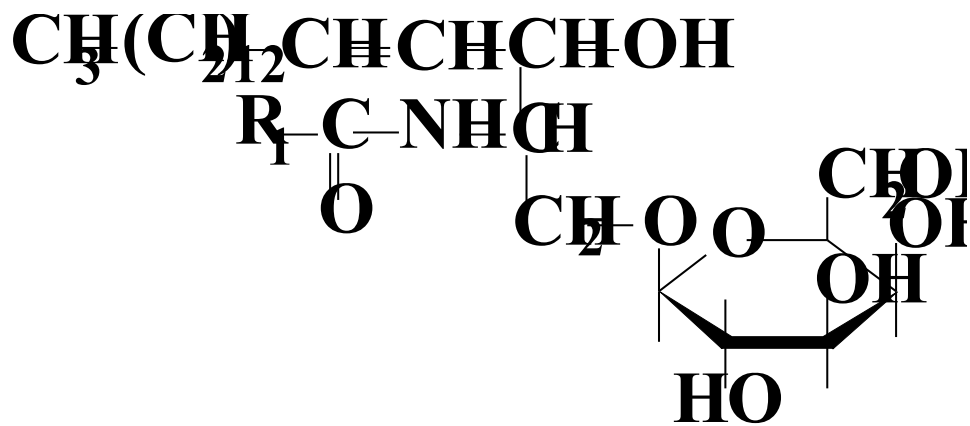


SFINGOSIN



SFINGOMYELIN



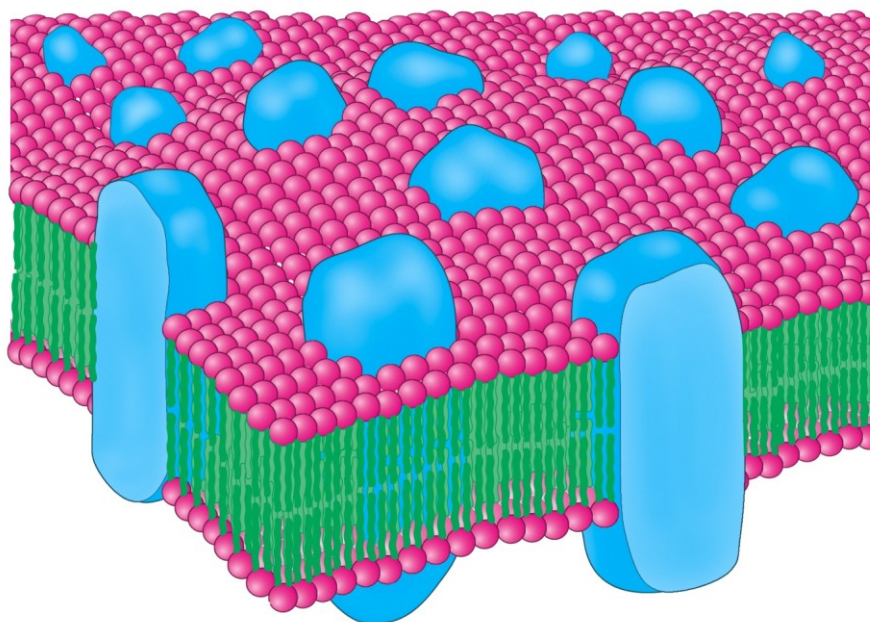


Bimolekulární vrstva polárních lipidů

Molekulové složení membrán

Membrána	proteiny %	lipidy %	sacharidy %
cytoplazmatická	49	43	8
jaderná	59	35	2
mitochondriální vnější	52	46	2
mitochondriální vnitřní	76	23	1
myelinová	18	79	3

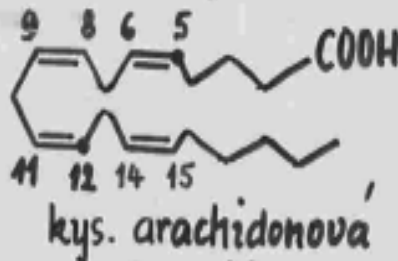
Lipid (%)	erythrocyt	myelin	mitochondrie	E.coli
fosfatidylcholin	19	10	39	0
fosfatidylethanolamin	18	20	27	65
fosfatidylglycerol	0	0	0	18
kardiolipin	0	0	23	12
sfingomyelin	18	9	0	0
glykolipidy	10	26	0	0
cholesterol	25	26	3	0



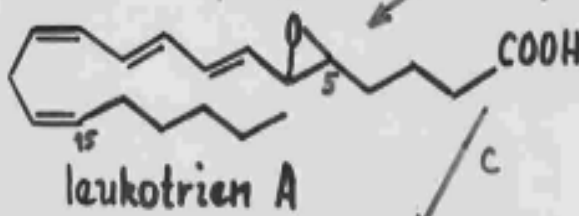
Fluidně mozaikový model membránové struktury

MEMBRÁNOVÝ FOSFOLIPID

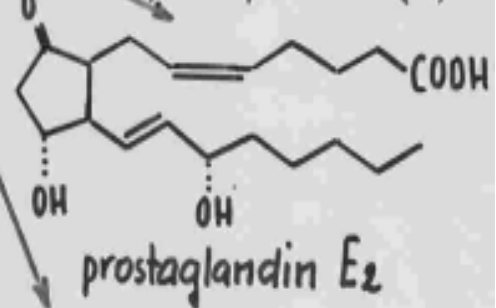
↓ fosfolipasa A₂



lipoxigenasa



inhibice aspirinem/
cyklooxygenasa (c)



c

