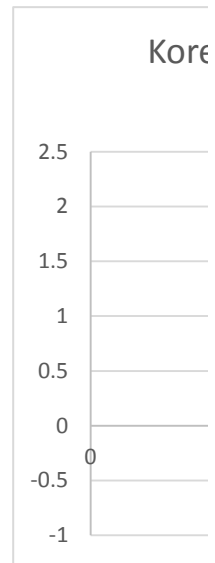


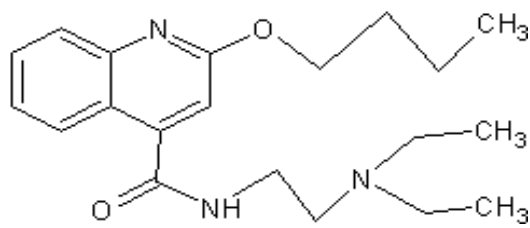
Kallala Kim
F1051

Sloučenina	Log P (x)	Rel.pov.an.akt (y)	Log (akt)
Cinchokain	3.87	0.75	-0.12494
Lidokain	2.36	0.24	-0.61979
Kokain	3.08	1	0
trimekain	2.82	1	0
oxybuprokain	4.09	44	1.643453
prokain	2.36	0.24	-0.61979
tetrakain	3.65	15	1.176091
trapekain	5.55	135.1	2.130655

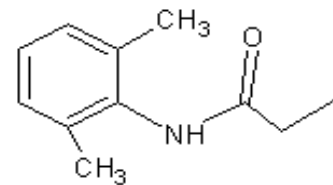


Vzorce / Chemscketch:

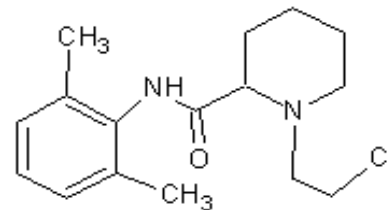
Cinchokain



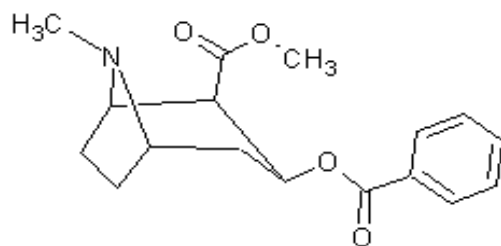
Lidokain



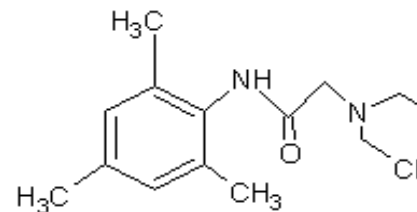
ropivakain



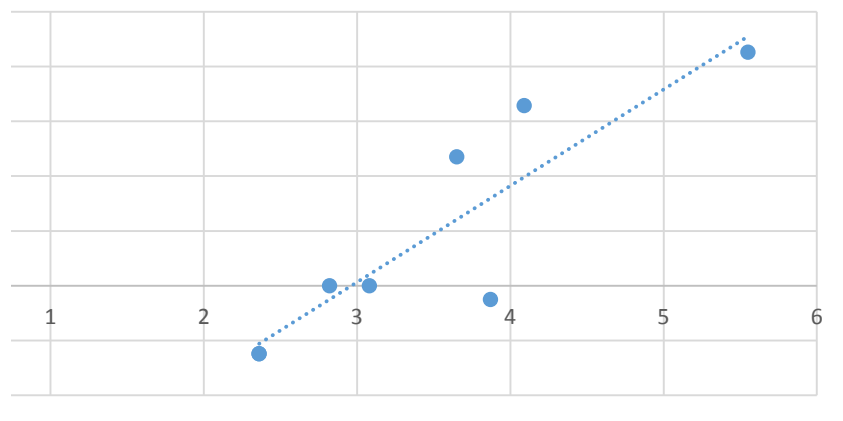
kokain



trimekain



elace logaritmu relativní povrchové anestetické aktivity s log P(oktanol/voda)



0.878801

0.187041

0.786288

22.07523

6.133494

a

sa

r²

F

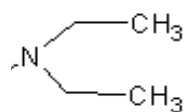
F = hodnot

y=ax + b = C

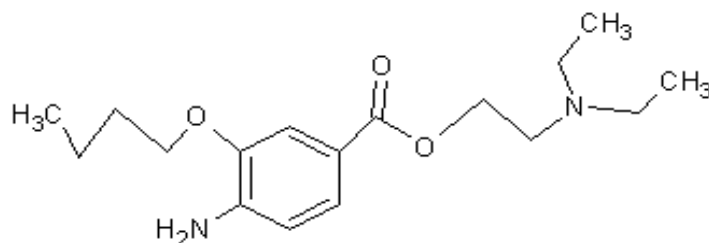
r= 0.886729

Předpokládaný logarit

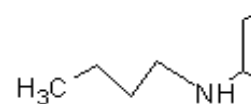
Předpokládaná aktivita



oxybuprokain

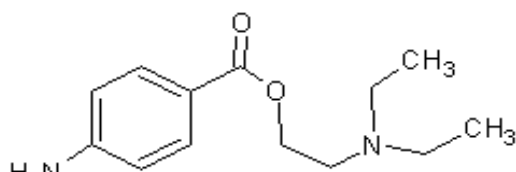


tetrakain

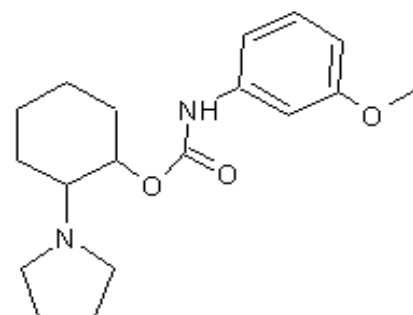


H₃

prokain



trapenkain



H₃

-2.60343
0.675709
0.52711
6
1.667071

b
sb
sy
df

a Fischer-Snedecorova testu

$t_{0,8788} \times -2,6034$

$>0,6$

mus aktivy ropivakainu 0.129645

logP ropivakainu = 3,11

logP ropivakainu = 1.3479

