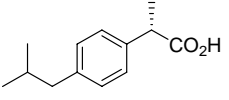
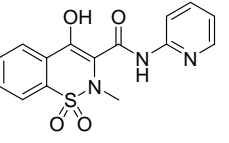
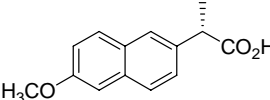
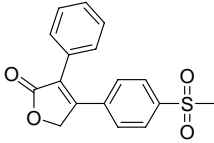


Table 1. Comparison of four NSAIDs included in the study.*

				
Name	Ibuprofen	Piroxicam	Naproxen	Rofecoxib
MW (g/mol)	206.3	331.3	230.3	314.4
Charge at pH 7.4	-1	0	-1	0
CLogP [†] at pH 7.4	-0.16	1.89	-1.02	1.80
Selective COX-2 Inhibition	No	No	No	Yes
Modulates A β production ²	Yes	Yes	No	N.D. [‡]
Inhibits A β aggregation ³	Strong	N.D.	Weak	N.D.

* Other NSAIDs included in the study were: diclofenac, fenoprofen calcium, flurbiprofen, indomethacin, meclofenamate sodium, sulindac, diclofenac sodium, ketoprofen, ketorolac tromethamine, etodolac, nabumetone, lansoprazole, celecoxib, mefenamic acid, meloxicam, oxaprozin, suprofen, tolmetin sodium, valdecoxib, bromfenac.

[†] CLogP is the calculated log of the partition coefficient between n-octanol and water.

[‡] N.D., not determined.