Name		Section
Chem 226		Dr. Rusay
	Pre lab Form	
	TLC of Analgesics	

Pre lab: Complete the following table for all of the compounds. Leave the last column, Exp. R_f ., blank. (Naproxen is not one of the unknowns in the experiment, but it structurally relates to ibuprofen.) Read the online instructions. Prepare your lab notebook as with any prelab for initialing, except this form replaces the **Compound Data & Safety Table** portion. [Be sure to include the calculated experimental R_f values in the last column after completing the experimental procedure. Provide your unknown number on the form, circle the analgesic(s)' name(s) that are present in your unknown, and answer the on-line Post lab questions.] Turn in with final report.

http://chemconnections.org/organic/chem226/226assign-09.html#TLC

Unk #:	Structure	Function(s)		Acid/Base	
Analgesic			Molecular Formula	Polar/ Non-polar	$Exp.$ R_f
aspirin			Tormata	Twoir potes	- N _f
acetamino- phen					
salicylamide					
caffeine					
ibuprofen					
naproxen					

How do ibuprofen and naproxen relate structurally and stereochemically?(Briefly explain.)