
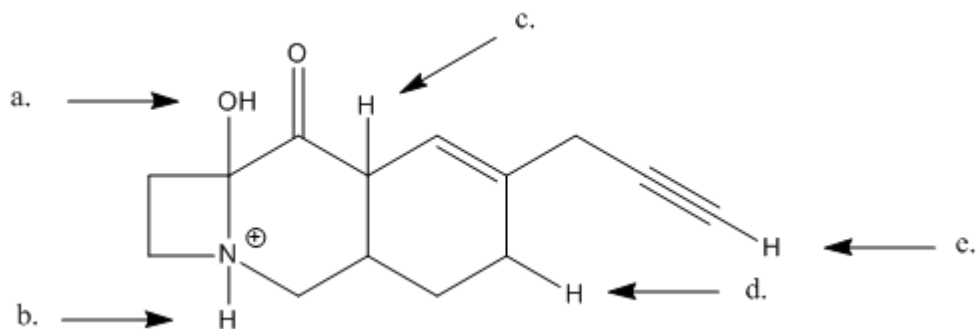


CONCEPT: ACID/BASE STRENGTH AND pKa

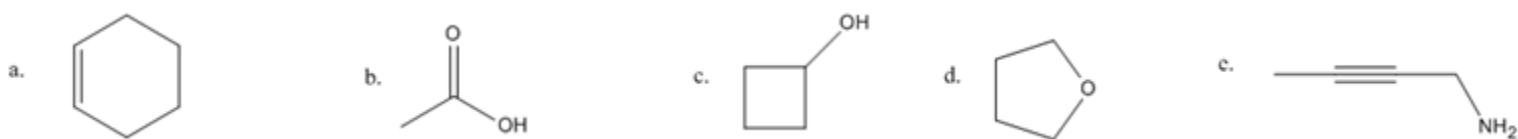
We can use pK_a values to help us determine the relative acidity of common organic molecules.

sp^3 C-H	sp^2 C-H	NH_3	H_2	sp C-H		ROH	H_2O	N^+	COOH	O^+	HX

EXAMPLE: Identify all of the relevant pK_a values for the indicated protons. Rank them in order of increasing acidity.



PRACTICE: Rank the following organic compounds in order of increasing pK_a



PRACTICE: Rank the following organic compounds in order of increasing acidity

