

SCH 4C Organic Compounds

	Structure	Functional Group	Name	Polarity
①	$\begin{array}{c} & & \\ -C & -C & -C- \\ & & \end{array} OH$			
②	$\begin{array}{c} O \\ \\ H-C-N-H \\ \\ H \end{array}$			
③	$\begin{array}{c} O \\ \\ & -C & -C & -C- \\ & & \end{array}$			
④	$\begin{array}{c} & & & \\ -C & -C & -C & -C- \\ & & & \end{array}$			
⑤	$\begin{array}{c} & & & O \\ -C & -C & -C & -C- \\ & & & \\ & & & H \end{array}$			
⑥	$\begin{array}{c} O \\ \\ HO-C-C- \\ \end{array}$			
⑦	$\begin{array}{c} & & \\ -C & -O & -C- \\ & & \end{array}$			
⑧	$\begin{array}{c} H-N-C-C- \\ & & \\ H & & \end{array}$			
⑨	$\begin{array}{c} OH \\ \\ & -C & -C & -C- \\ & & \end{array}$			
⑩	$\begin{array}{c} \diagdown & & & \\ C & =C & -C & -C- \\ \diagup & & & \end{array}$			
⑪	$\begin{array}{c} & & & & \\ -C & -C & -C \equiv C & -C & -C- \\ & & & & \end{array}$			
⑫	$\begin{array}{c} & & & & \\ -C & -C & -C =C & -C & -C- \\ & & & & \end{array}$			

