
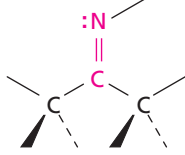
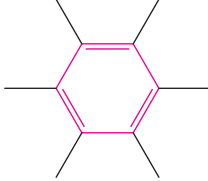


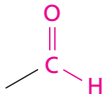

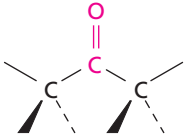

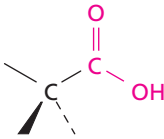

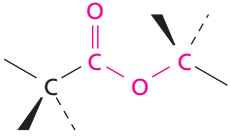

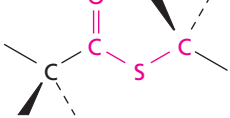
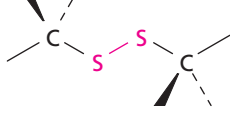
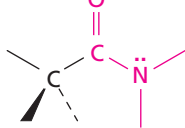
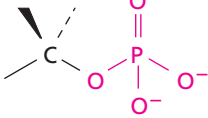
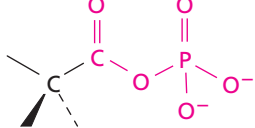
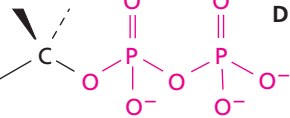


## CHEM 109 Functional Group Table

McMurry & Begley's "The Organic Chemistry of Biological Pathways"

Table 1.1 Common Functional Groups in Biological Molecules

Structure*	Name	Structure*	Name
	Alkene (double bond)		Imine (Schiff base)
	Arene (aromatic ring)		Carbonyl group
	Alcohol		Aldehyde
	Ether		Ketone
	Amine		Carboxylic acid
	Thiol		Ester
	Sulfide		Thioester
	Disulfide		Amide
	Monophosphate		Acyl phosphate
	Diphosphate		

\* The bonds whose connections aren't specified are assumed to be attached to carbon or hydrogen atoms in the rest of the molecule.

Monophosphate = Phosphoester; Diphosphate = Phosphodiester