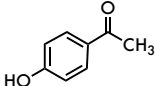

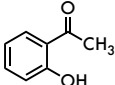
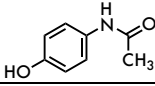

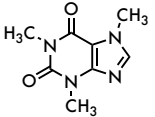

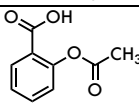

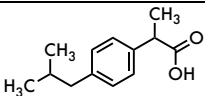

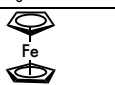

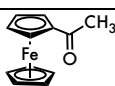

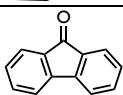
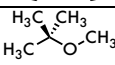







Experiment 4 Chemical Hazards - add the missing CAS numbers and melting/boiling points

CAS Number	Name	Chemical Structure	mp / bp (°C)	GHS Hazard Codes	GHS Pictogram
	<i>para</i> -Hydroxyacetophenone			WARNING H319, H402, H412	
	<i>ortho</i> -Hydroxyacetophenone			Not Hazardous H402	—
	Acetaminophen (<i>para</i> -Acetamidophenol)			WARNING H302	
	Caffeine			WARNING H302	
	<i>ortho</i> -Acetylsalicylic acid			WARNING H302, H315, H319, H335	
	Ibuprofen (α -Methyl-4-(isobutyl)phenylacetic acid)			WARNING H302, H319, H335	
	Ferrocene			DANGER H228, H302, H332, H360, H373, H401, H410	
	Acetylferrocene			DANGER H300, H310	
	9-Fluorenone			LOW HAZARD	—
	Methyl <i>tert</i> -Butyl Ether			DANGER H225, H315	
	Silica Gel	SiO ₂	—	DANGER H372	
	Ethyl Acetate			DANGER H225, H319, H336	
	Petroleum Ether	C ₅ –C ₈ alkanes		DANGER H224, H304, H315, H336, H401, H411	
	Water	H ⁺ O ⁻ H		Not Hazardous	—
	Magnesium Sulfate	MgSO ₄	—	Not Hazardous	—
	Sand	SiO ₂	—	Not Hazardous	—

Hazard Statements

List and define any new hazard codes with the appropriate hazard statements below: