

TRIVIAL NAMES FOR ORGANIC FUNCTIONAL GROUPS

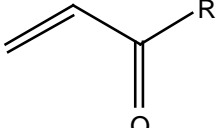
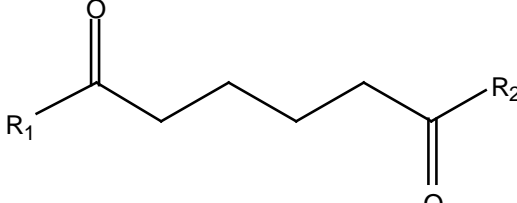
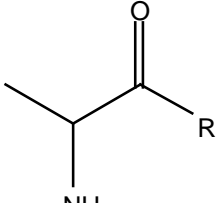

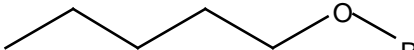

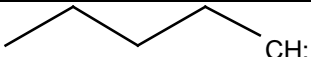
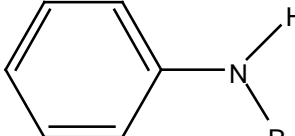
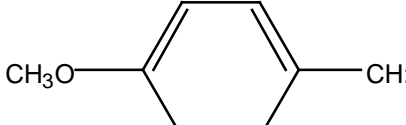
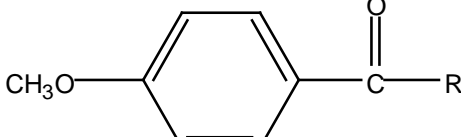
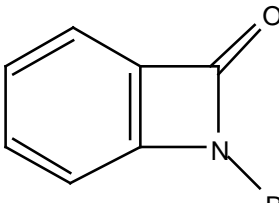
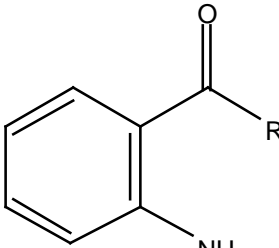
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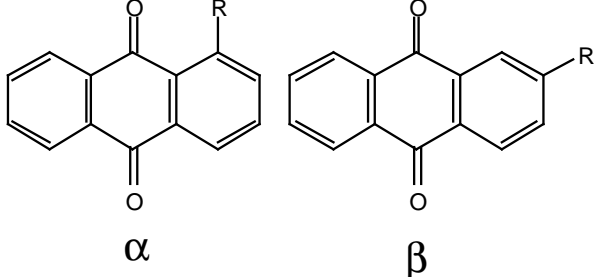
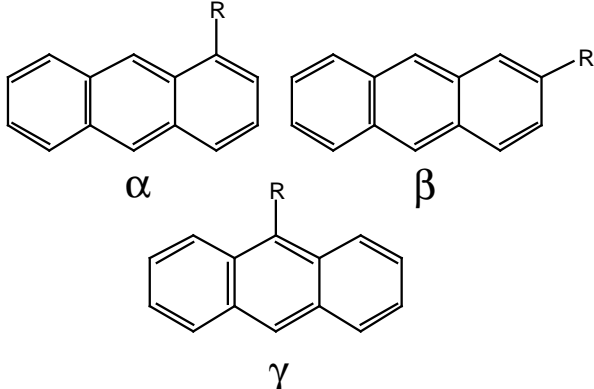
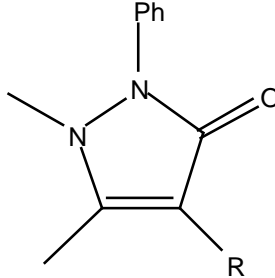
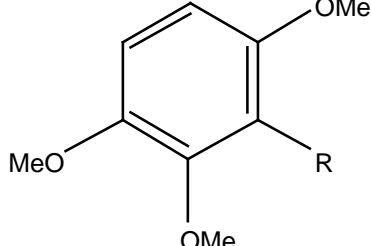
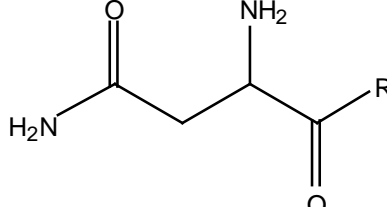
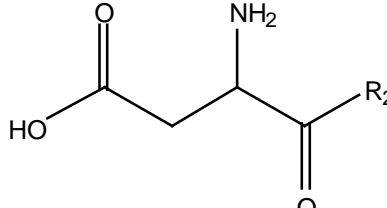
Department of Chemistry, York University
4700 Keele Street, Toronto, ONTARIO M3J 1P3, CANADA

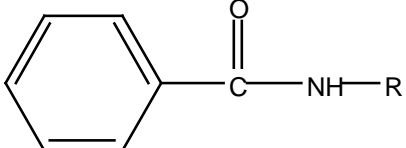
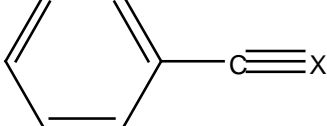
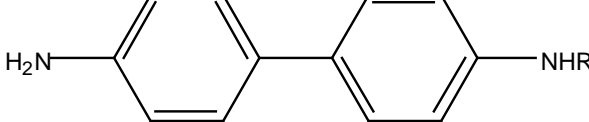
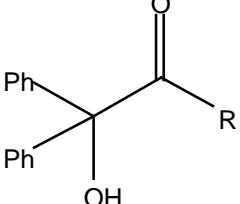
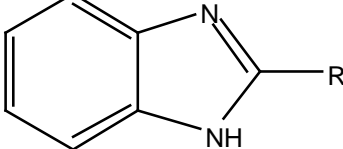
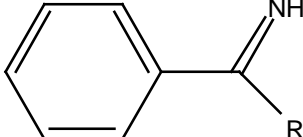
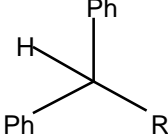
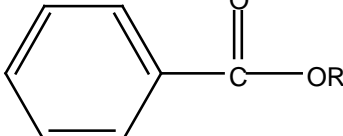
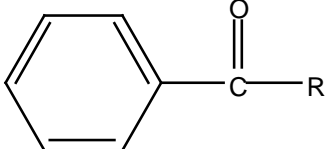
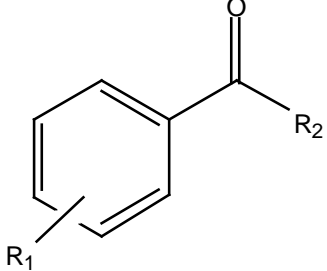
For suggestions, corrections, additional information, and comments please send e-mails to c1000@careerchem.com

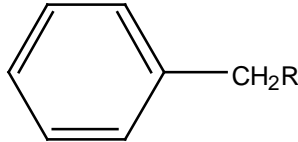
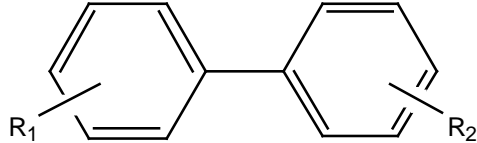
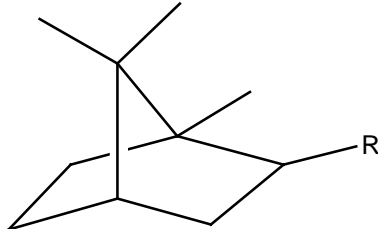
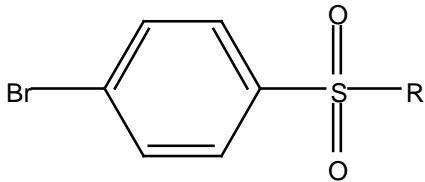
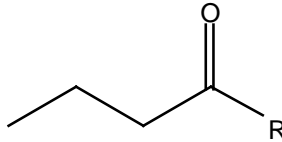
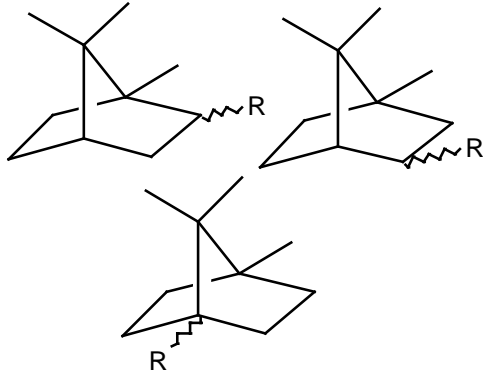
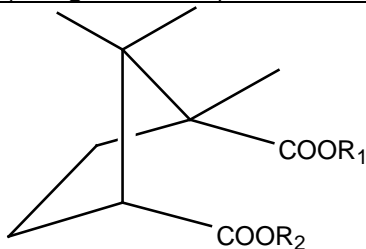
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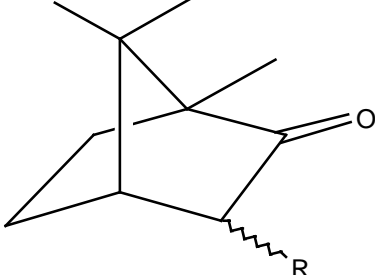
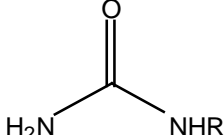
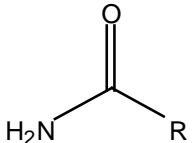
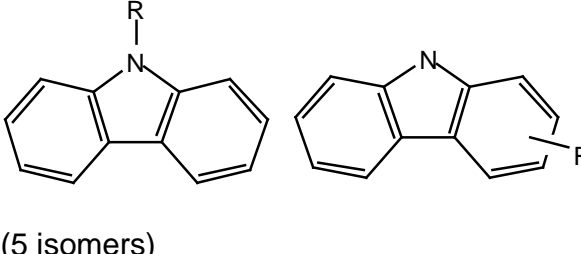
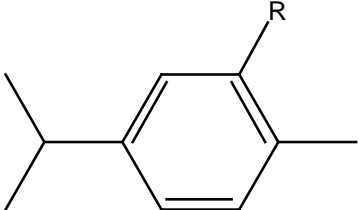
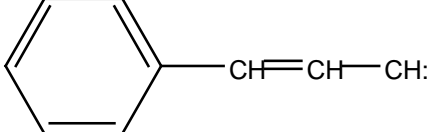
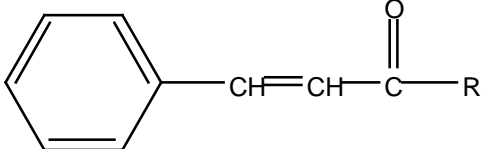
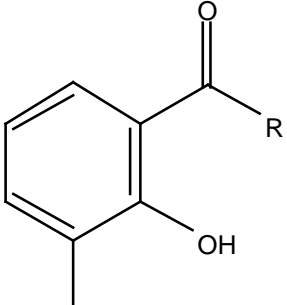
Trivial Name of Functional Group or Radical	Structure
Acenaphthenyl	
Acetimido	
Acetonyl	
Acetoxy	
Acetyl	
Acridyl	

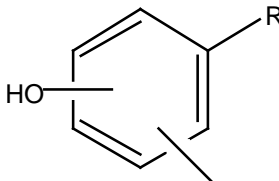
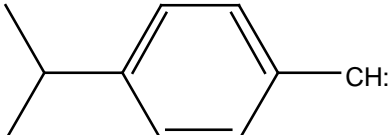
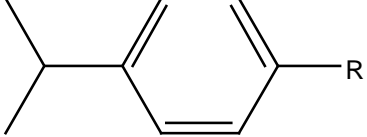
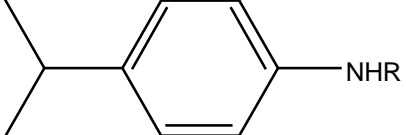
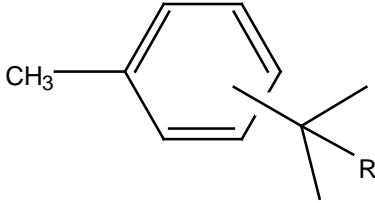
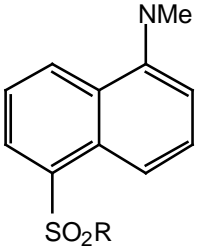
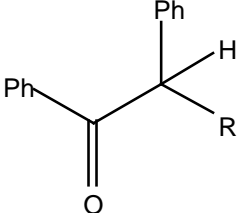
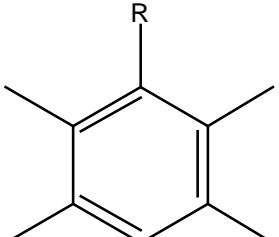
Acrylyl	
Adipyl	
Alanyl	
Allyl	
Amoxy	
Amyl	
Amylidene	
Anilino	
Anisal	
Anisoyl	
Anthranilo	
Anthranoyl	

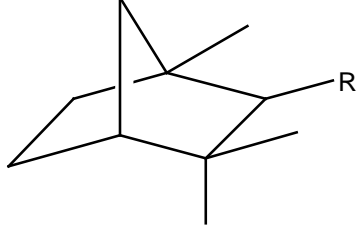
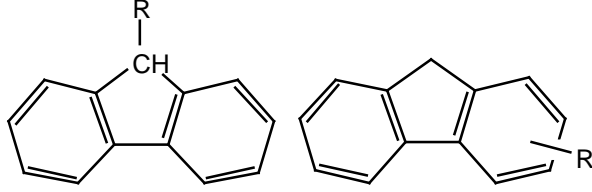
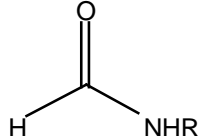
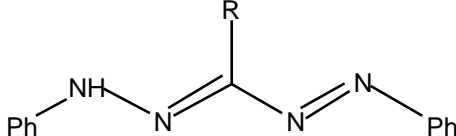
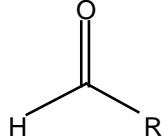
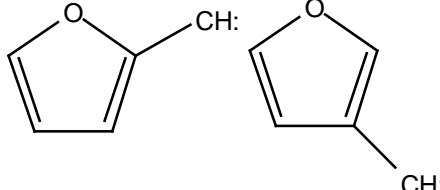
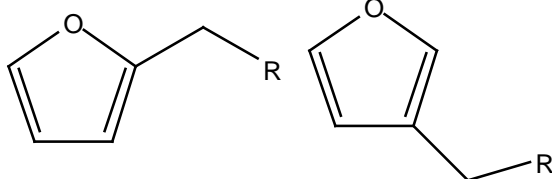
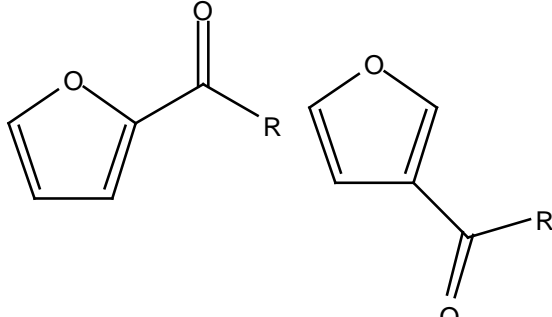
Anthraquinoyl	 <p>α β</p>
Anthryl	 <p>α β γ</p>
Antipyryl	
Asaryl	
Asparagyl	
Aspartyl	

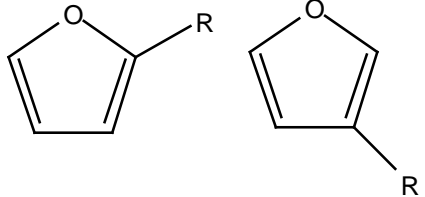
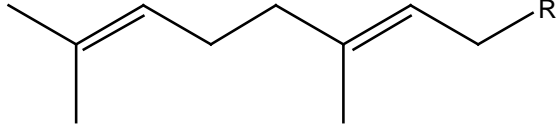
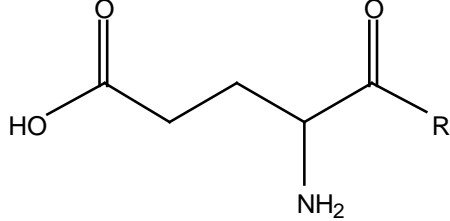
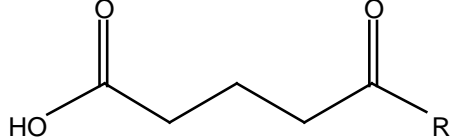
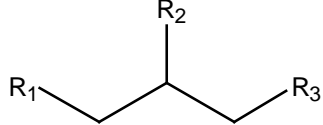
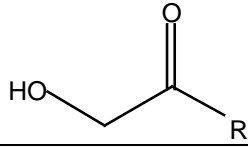
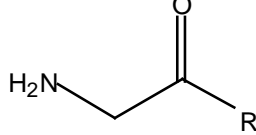
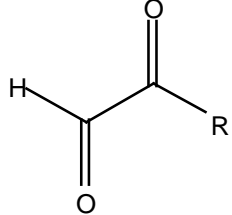
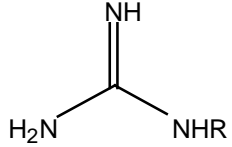
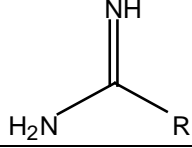
Benzamido	
Benzenyl	
Benzidino	
Benzilyl	
Benzimidazolyl	
Benzimido	
Benzohydryl	
Benzoxy	
Benzoyl	
Benzoylene	 <p data-bbox="813 1966 965 1998">(3 isomers)</p>

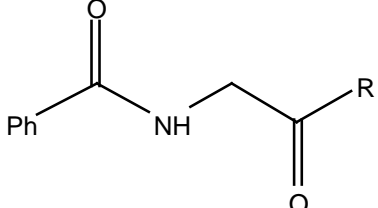
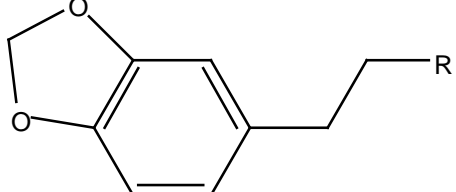
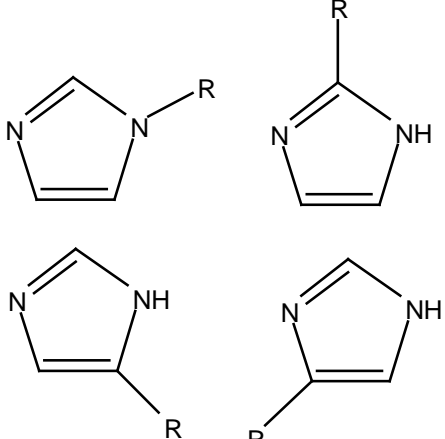
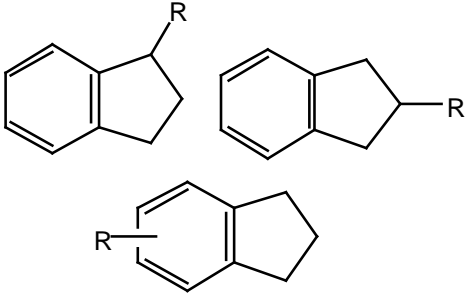
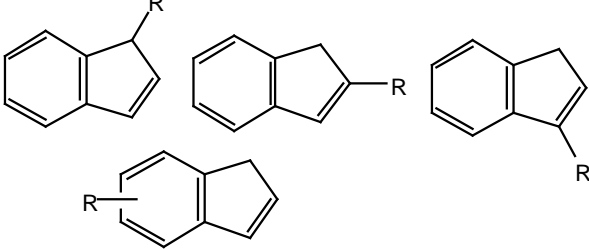
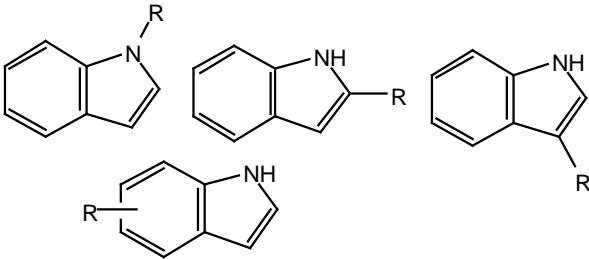
Benzyl	
Biphenylene	 <p>(9 isomers)</p>
Bornyl	
Brosyl	
Butyryl	
Camphanyl	 <p>(3 regioisomers)</p>
Camphoroyl	

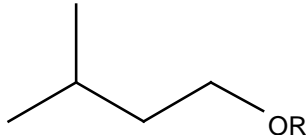
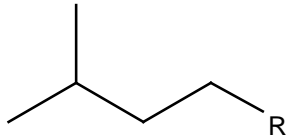
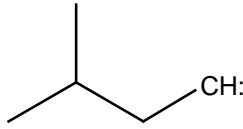
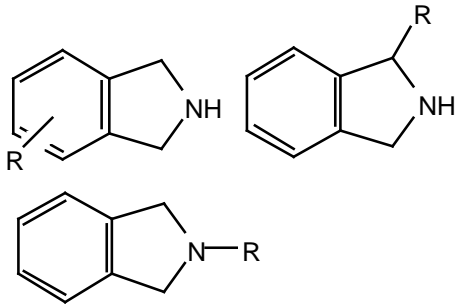
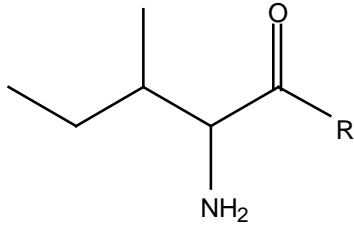
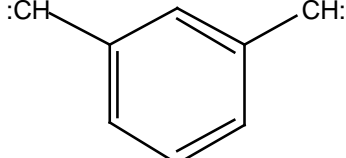
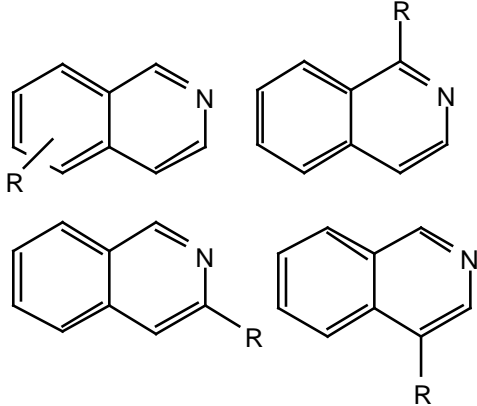
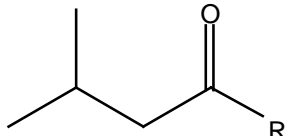
Camphoryl	
Carbamido	
Carbamyl	
Carbazyl	 <p>(5 isomers)</p>
Carvacryl	
Cetyl	$R - (CH_2)_{15}CH_3$
Cinnamal	
Cinnamyl	
Cresotyl	

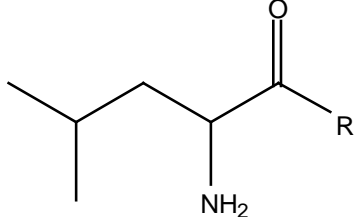
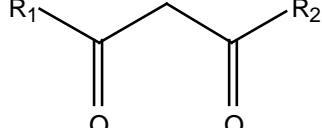
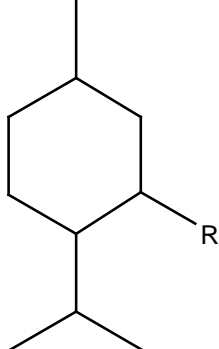
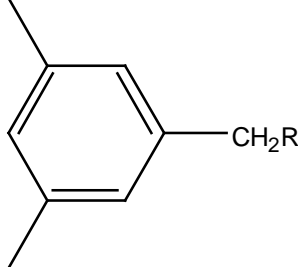
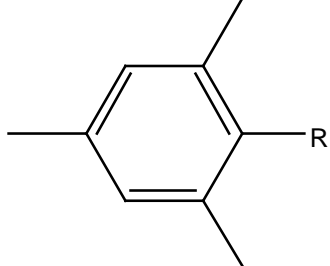
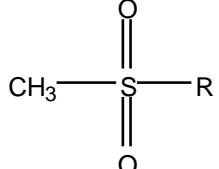
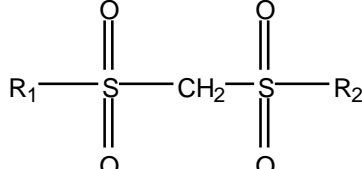
Cresyl	 <p>(10 isomers)</p>
Crotonyl	$\text{CH}_3 - \text{CH} = \text{CH} - \overset{\text{O}}{\parallel}{\text{C}} - \text{R}$
Cumal	
Cumenyl	
Cumidino	
Cymyl	 <p>(3 isomers)</p>
Dansyl	
Desyl	
Duryl	

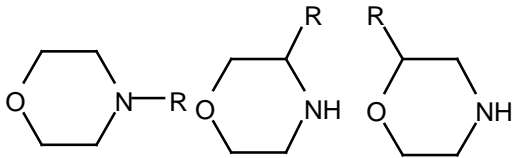
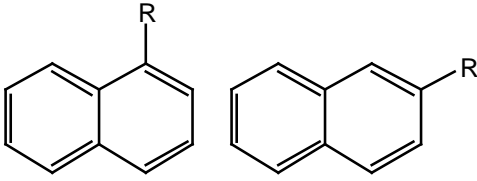
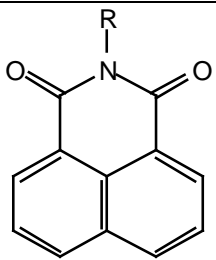
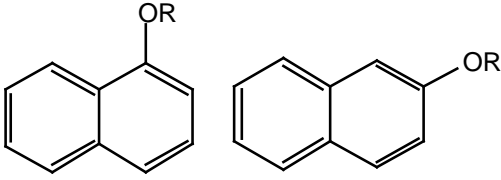
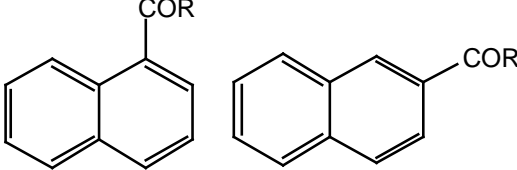
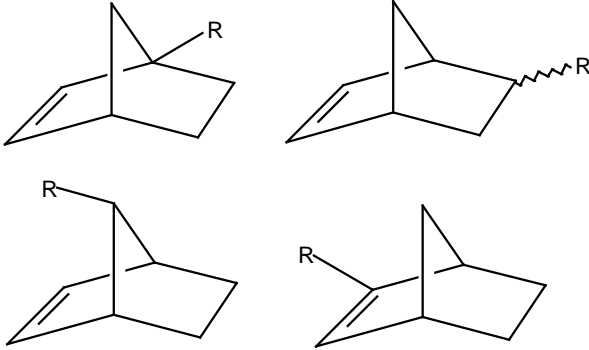
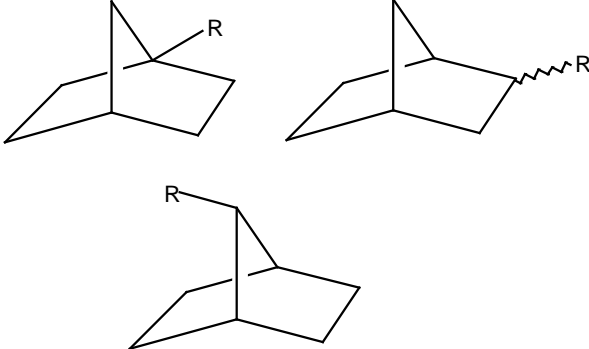
2-Fenchyl	
Fluoryl	 <p>(5 isomers)</p>
Formamido	
Formazyl	
Formyl	
Fural, furfural	
Furfuryl	
Furoyl	

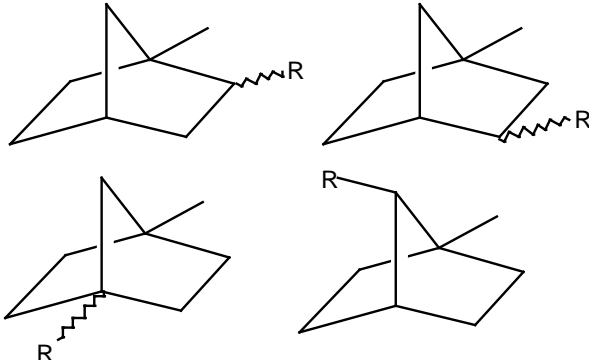
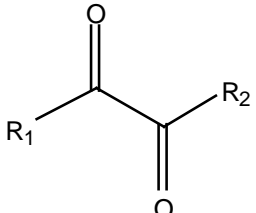
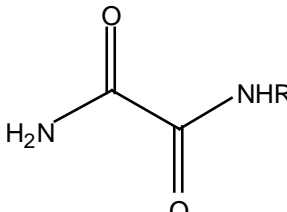
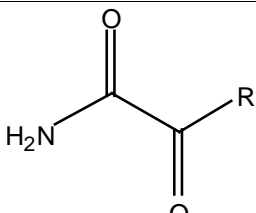
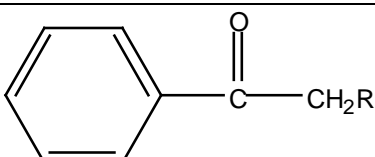
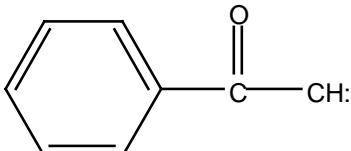
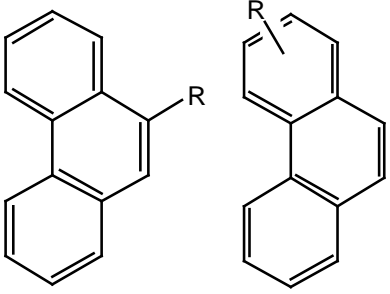
Furyl	
Geranyl	
Glutamyl	
Glutaryl	
Glyceryl	
Glycolyl	
Glycyl	
Glyoxyl	
Guanido	
Guanyl	
Hendecyl	$R-(CH_2)_{10}CH_3$

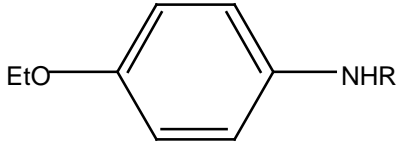
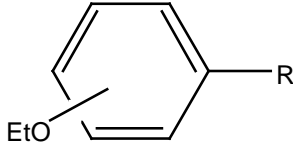
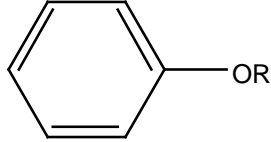
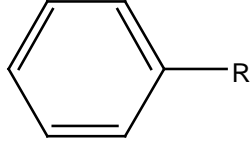
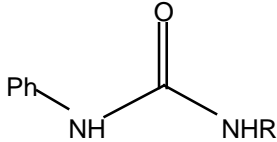
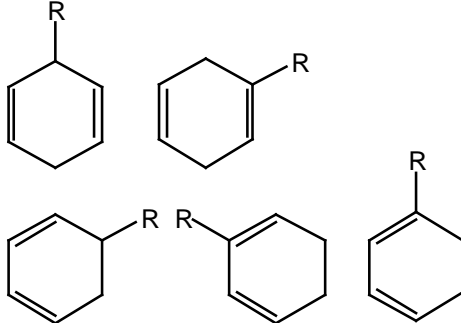
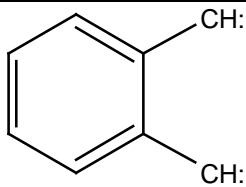
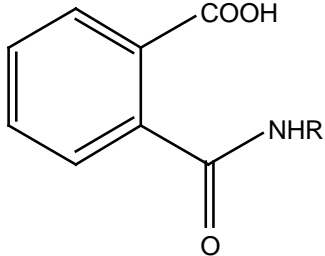
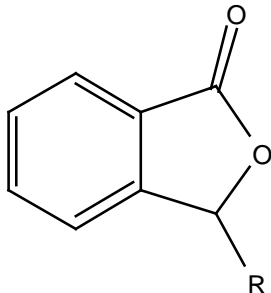
Hippuryl	
Homopiperonyl	
Imidazolyl	
Indanyl	 <p>(4 isomers)</p>
Indenyl	 <p>(7 isomers)</p>
Indyl	 <p>(7 isomers)</p>

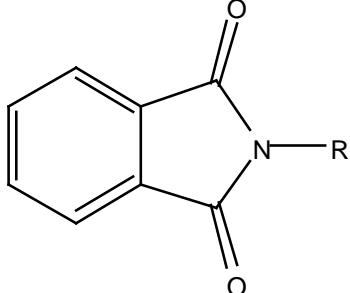
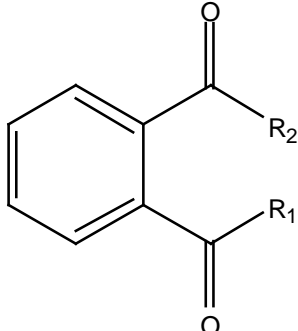
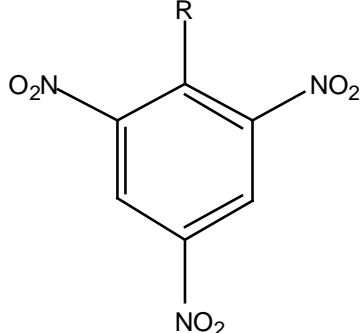
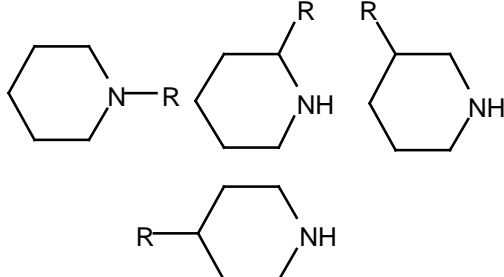
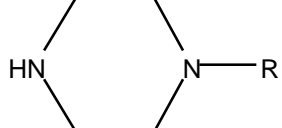
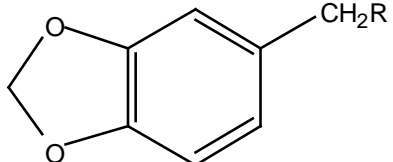
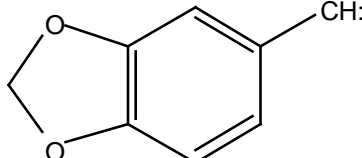
Isoamoxy	
Isoamyl	
Isoamylidene	
Isoindyl	
Isoleucyl	
Isophthalal	
Isoquinolyl	 <p>(7 isomers)</p>
Isovaleryl	

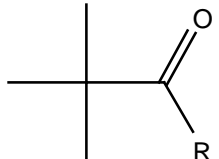
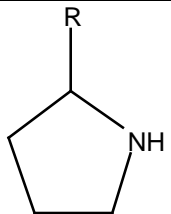
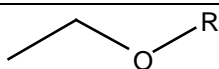
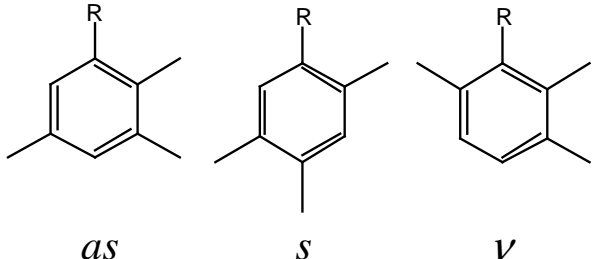
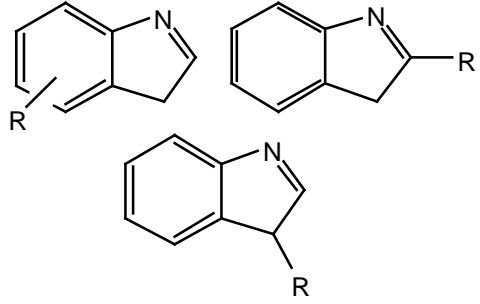
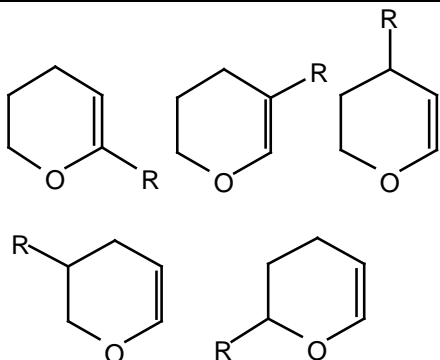
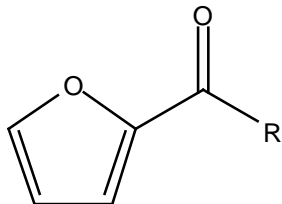
Leucyl	
Malonyl	
Menthyl	
Mercapto	RSH
1-Mesityl	
2-Mesityl	
Mesityl	
Methionyl	

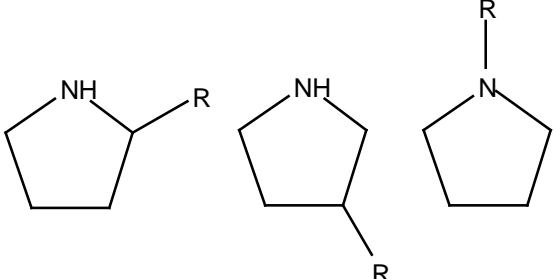
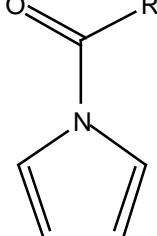
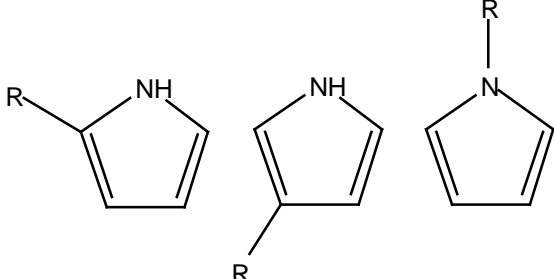
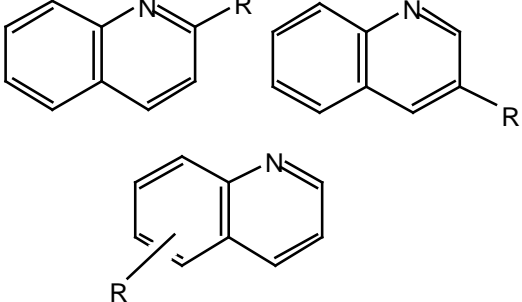
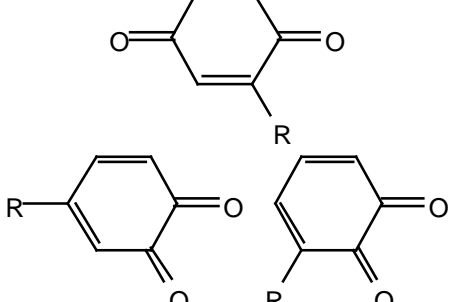
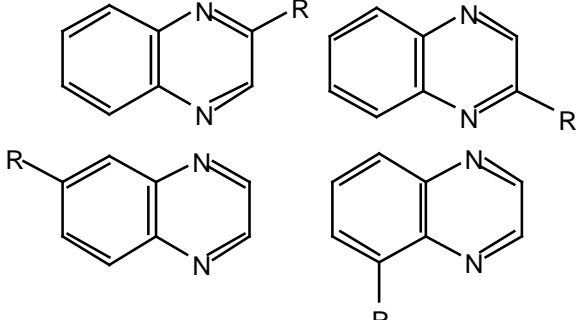
Morpholino	 <p>Three morpholine derivatives are shown: 1. Morpholine with an R group on the nitrogen atom (N-R). 2. Morpholine with an R group on the nitrogen atom and a hydrogen atom (NH) on the nitrogen. 3. Morpholine with an R group on the oxygen atom.</p>
Naphthyl	 <p>Two naphthalene derivatives are shown: 1. Naphthalene with an R group at the 1-position (labeled 1-, α). 2. Naphthalene with an R group at the 2-position (labeled 2-, β).</p>
Naphthalimido	 <p>Naphthalimide derivative with an R group on the nitrogen atom.</p>
Naphthoxy	 <p>Two naphthalene derivatives are shown, both with an OR group: 1. Naphthalene with an OR group at the 1-position. 2. Naphthalene with an OR group at the 2-position.</p>
Naphthoyl	 <p>Two naphthalene derivatives are shown, both with a COR group: 1. Naphthalene with a COR group at the 1-position. 2. Naphthalene with a COR group at the 2-position.</p>
Norbornenyl	 <p>Four norbornene derivatives are shown, illustrating different regioisomers with an R group: 1. R at the bridgehead position. 2. R at the bridgehead position with a wavy line. 3. R at the bridge position. 4. R at the bridge position with a wavy line.</p>
Norbornyl	 <p>Three norbornane derivatives are shown, illustrating different regioisomers with an R group: 1. R at the bridgehead position. 2. R at the bridgehead position with a wavy line. 3. R at the bridge position.</p>
	(3 regioisomers)

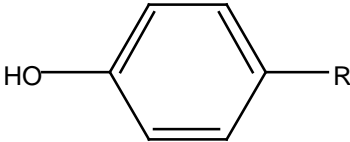
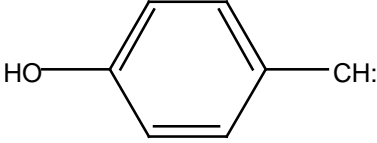
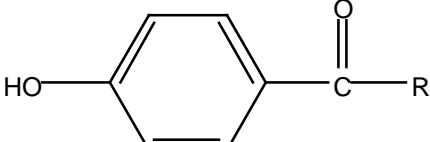
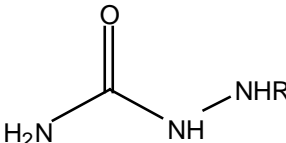
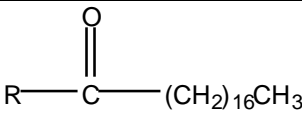
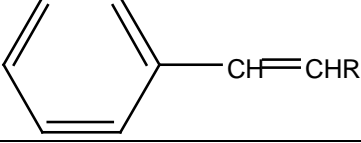
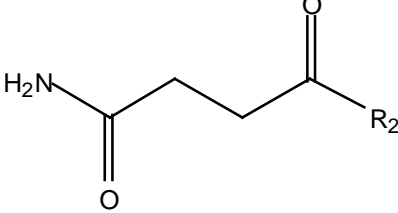
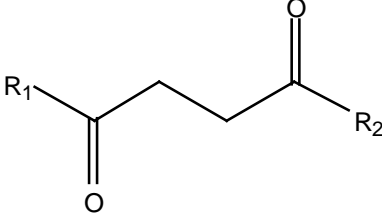
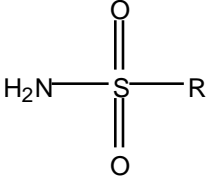
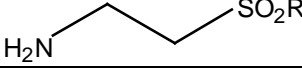

Norcamphanyl	 <p>(4 regioisomers)</p>
Oxalyl	
Oxamido	
Oxamyl	
Phenacyl	
Phenacylidene	
Phenanthryl	 <p>(5 isomers)</p>

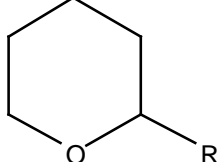
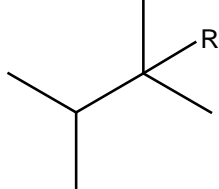
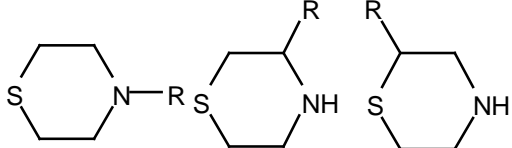
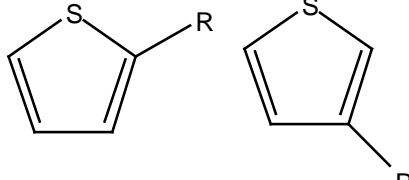
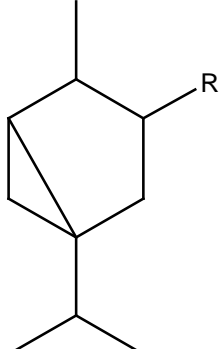
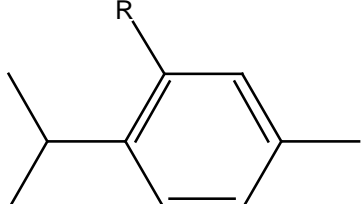
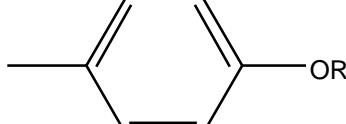
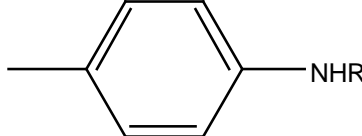
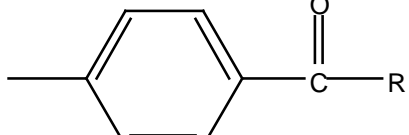
Phenetidino	
Phenetyl	
Phenoxy	
Phenyl	
Phenylcarbamido	
Phenylidene	
Phthalal	
Phthalamido	
Phthalidyl	

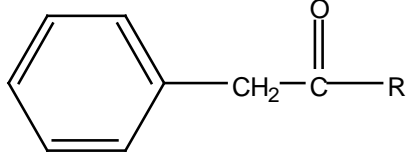
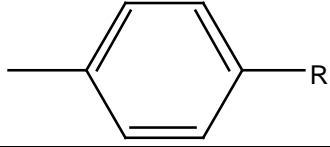
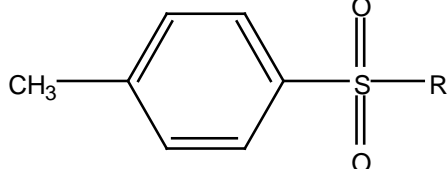
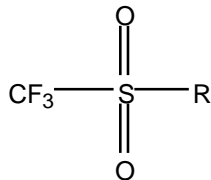
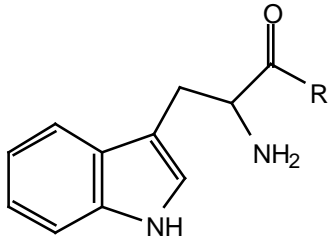
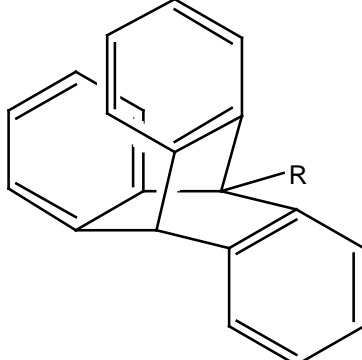
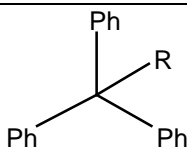
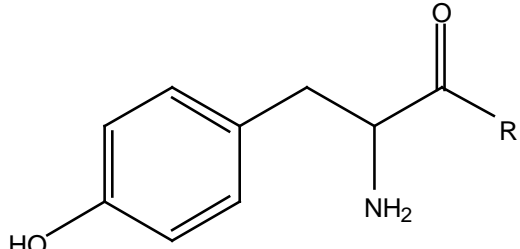
Phthalimido	
Phthalyl	
Picryl	
Piperidinyl	
Piperazyl	
Piperonyl	
Piperonylidine	

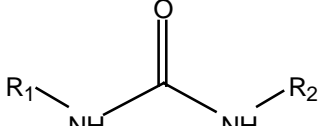
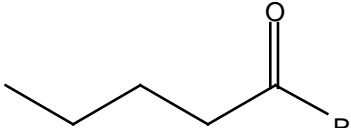
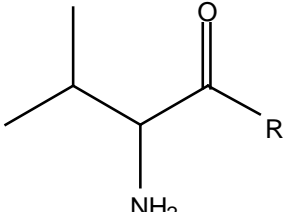
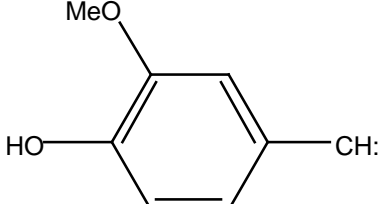
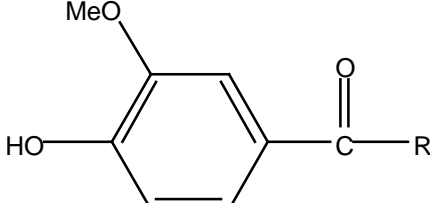
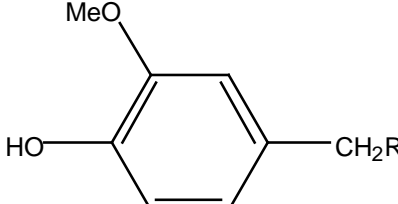
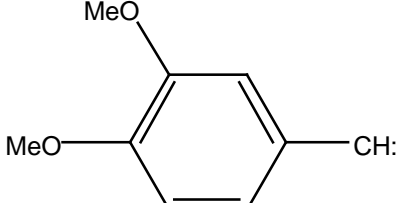
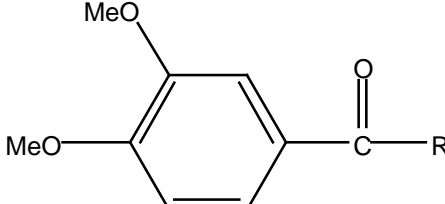
Pivalyl	
Prolyl	
Propargyl	$\text{H}-\text{C}\equiv\text{C}-\text{CH}_2-\text{R}$
Propoxy	
Pseudocumyl	
Pseudoindyl	 <p>(6 isomers)</p>
1,2-Pyranyl	
Pyromucyl (2-furoyl)	

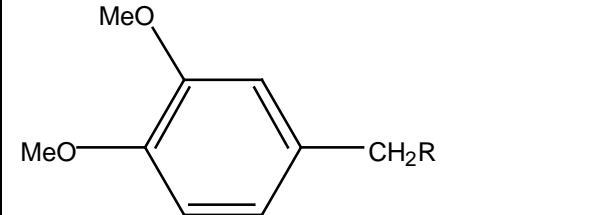

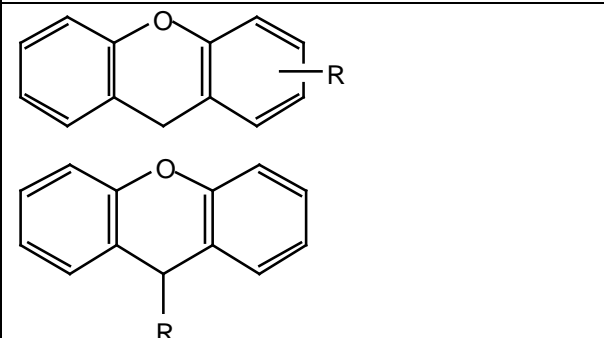
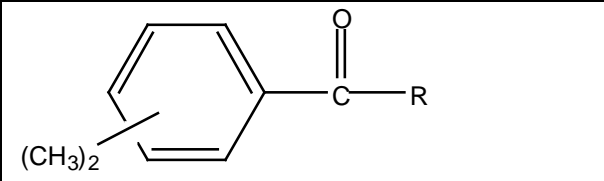
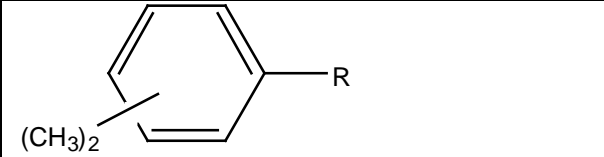
Pyrrolidyl	
Pyrroyl	
Pyrryl	
Quinoly	
Quinonyl	
Quinoxaly	

Salicyl	
Salicylal	
Salicylyl	
Semicarbazido	
Stearyl	
Styryl	
Succinamyl	
Succinyl	
Sulfamyl	
Tauryl	
Terephthalal	

Tetrahydropyranyl	
Thexyl	
Thiomorpholino	
Thiophenyl	
Thujyl	
Thymyl	
Toloxyl	
Toluino	
Toluyyl	

Toluy, alpha	
Tolyl	
Tosyl	
Triflyl	
Tryptophyl	
Tryptyl	
Trityl	
Tyrosyl	

Ureido	
Valeryl	
Valyl	
Vanillal	
Vanilloyl	
Vanillyl	
Veratral	
Veratroyl	

Veratryl	
Vinyl	
Vinylene	$R_1-CH=CH-R_2$
Vinylidene	$CH_2=CH:$
Xanthy	 <p>(5 isomers)</p>
Xyloyl	 <p>(7 isomers)</p>
Xylyl	 <p>(7 isomers)</p>
xylylene	