

2013

ORGANIC CHEMISTRY STAR STRUCTURES

Provided by Teaching Center Tutors & SI Leaders



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FREE TUTORING FOR UF STUDENTS

This packet contains notecard templates to help UF students actively learn the star structure molecules. Tutors from the Teaching Center created video solutions, so that students could watch **WHILE** creating their own set of notecards. Here's what we recommend:

1. Print and cut the notecards.
2. Try to fill out as much information as you can before looking back at your class notes or watching the video solutions.
3. Refer to your course notes for the star structures. Your professor probably went over them during class.
4. Watch the video notecard solutions. As the tutors draw the star structures, pause the video and write on your notecards. Pause after each video to think about the structure. Compare similar structures and notice differences.
5. Frequently review the cards and try to picture the molecules without turning the cards over.

Videos: teachingcenter.ufl.edu/vsi

Here's what the tutor will place on the front and back of each card:

FRONT

Common Name

BACK

Iupac Name
Drawing of structure
Additional notes



Ethylene

Acetylene

Isopropyl Alcohol

Propylene

Acetaldehyde

Acetone



Acetic Acid

Decalin

Phenol

Benzoic Acid

Styrene

Norbornene



Norbornane

THF

Formaldehyde

Methylacetylene

Sodium Amide

Sodium Hydride



LDA

Sodium Borohydride

Mercury (II) Acetate

NBS

DMSO

Acetonitrile



DMF

Thionyl Chloride

Pyridine

Tosyl Chloride

Diethylether

Ethylene Oxide



Propylene Oxide

t-butylemethyl ether

MCPBA

XXXXXX

XXXXXX



Benzaldehyde

**Methyltriphenyl
Phosphonium Bromide**

Toluene

Formalin

Acetophenone

Ethylene Glycol



Benzophenone

Sodium Cyanoborohydride

Aniline

Anisole

LAH

Hydrazine



Pyrrolidine

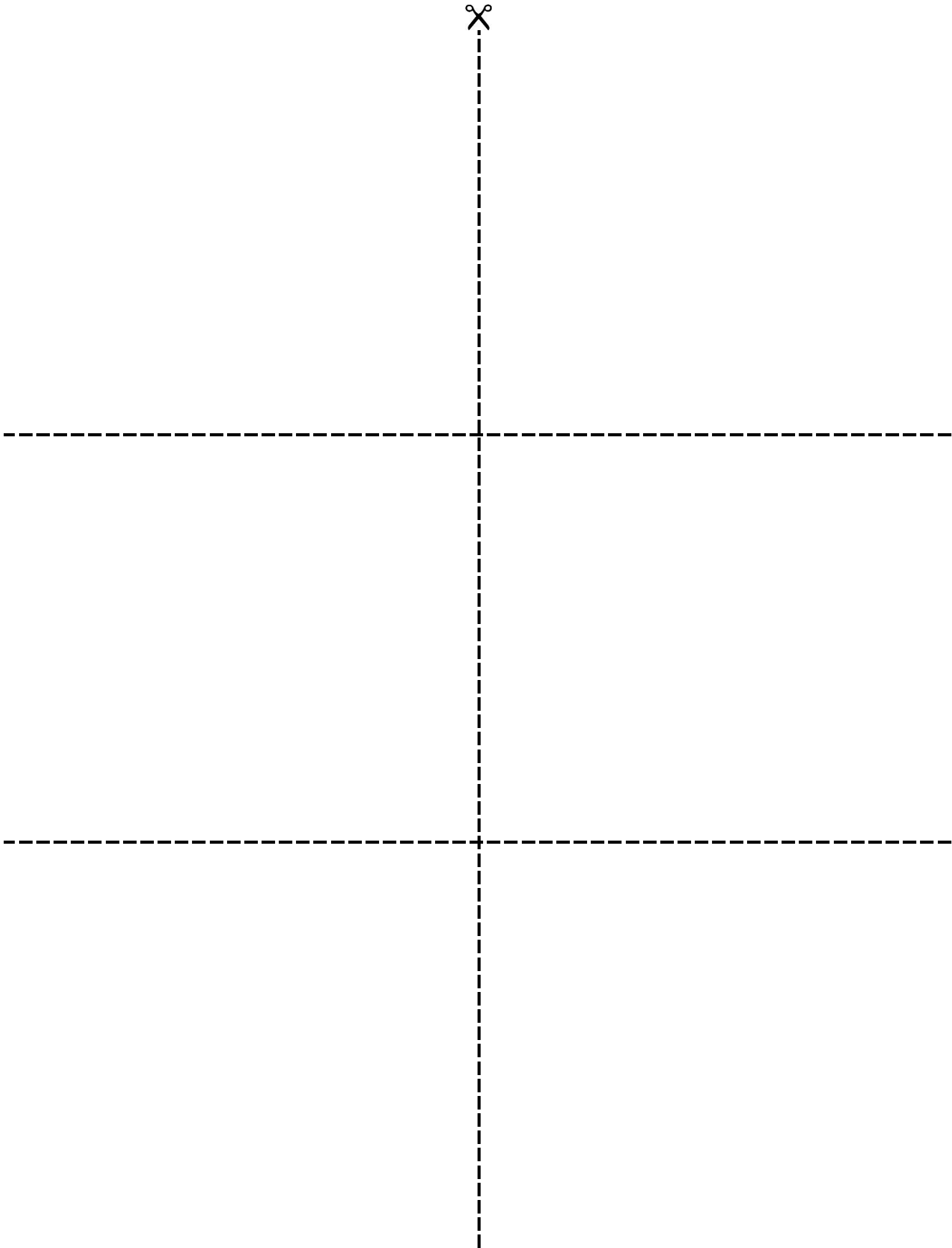
Morpholine

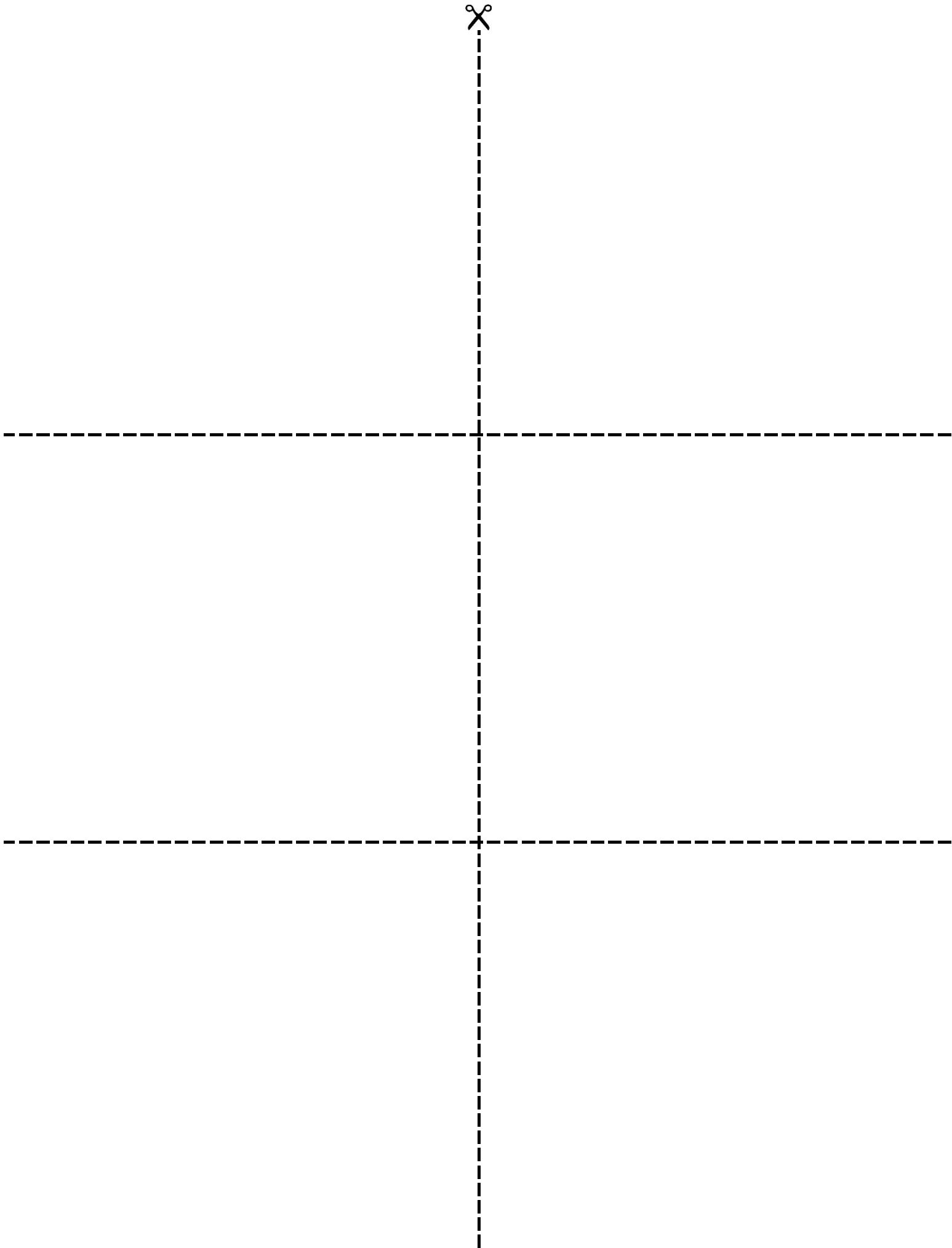
Pepirridine

Pyrimidine

Pyrrole

Furan





The Teaching Center is located on UF's main campus in Broward Hall.

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