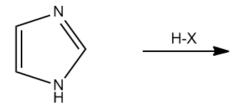
CONCEPT: BASICITY OF AROMATIC HETEROCYCLES

Heterocycles often have multiple lone pairs available to react with acids. The question is which lone pair do we react?

EXAMPLE: Draw the product of the following acid/base reaction with imidazole.



- Acids can only react with lone pairs that are not necessary for aromaticity.
 - □ sp²-hybridized lone pairs are basic.

EXAMPLE: Draw the product of the following acid/base reaction.

