



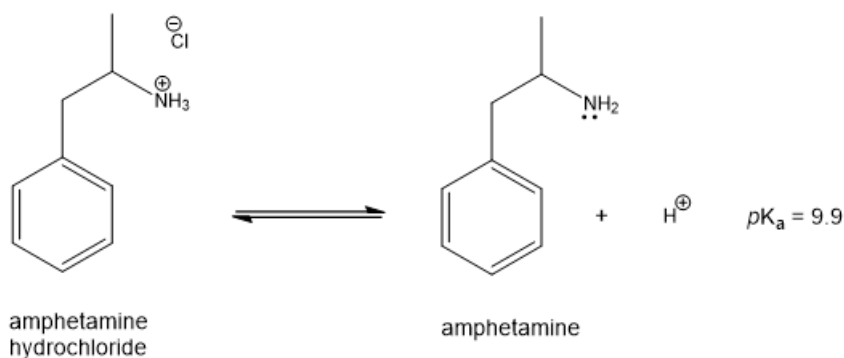
# ORGOREVIEW

## Question Vault

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The  $pK_a$  of hydrochloride salt of amphetamine is equal to 9.9.



- (1) The major species present in blood, buffered at  $pH = 7.4$ , is amphetamine.  
(2) The major species present in blood, buffered at  $pH = 7.4$ , is amphetamine hydrochloride.  
(3) Amphetamine hydrochloride is behaving as an acid in the above equation.

☐ (A) Only 1 + 2    ☐ (B) only 1 + 3    ☐ (C) 2 + 3    ☐ (D) only 2    ☐ (E) only 3

## VIDEO SOLUTION



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