



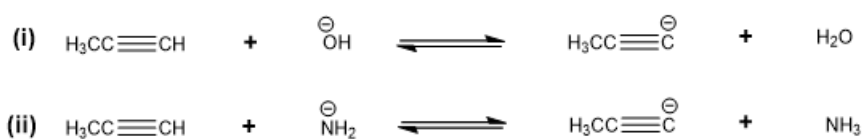
# ORGOREVIEW

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Choose the incorrect statement about the following acid/base reactions involving propyne and its anion propynide.



	$\text{pK}_a$
$\text{H}_2\text{O}$	16
$\text{H}_3\text{CC}\equiv\text{CH}$	25
$\text{NH}_3$	34

- ☐ (A) The equilibrium in equation (i) lies to the left.    ☐ (B) The equilibrium in equation (ii) lies to the right.
- ☐ (C) You can prepare propynide,  $\text{CH}_3\text{C}\equiv\text{C}^-$ , salts in  $\text{NH}_3$ .
- ☐ (D) Propyne,  $\text{CH}_3\text{C}\equiv\text{CH}$ , is a stronger acid than ammonia,  $\text{NH}_3$ .
- ☐ (E) In reaction (ii) ammonia,  $\text{NH}_3$ , acts as a base.

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