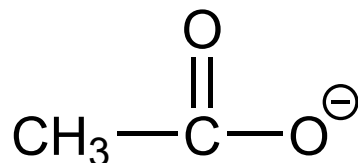


Which is the stronger base? Explain briefly.



hydroxide



acetate

A) Because this is more stable: $\text{H}-\text{O}-\text{H}$
hydroxide is the **stronger** base.

B) Because this is more stable: $\text{H}-\text{O}^{\ominus}$
hydroxide is the **weaker** base.

C) Because this is more stable: $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{OH}$
acetate is the **stronger** base.

D) Because this is more stable: $\text{CH}_3-\overset{\text{O}}{\parallel}{\text{C}}-\text{O}^{\ominus}$
acetate is the **weaker** base.

E) It's impossible to predict base strength without pK_b data.