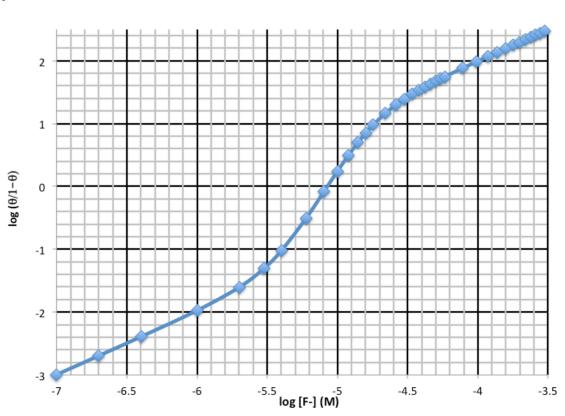
Quiz 19

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NAME:_
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1. Determine the K_D for the tense and relaxed states of the protein from the data above.

2. What characteristics of the data suggests that the MWC model for cooperativity may be used? Provide at least two examples and explain the connection of each to the MWC model.

3. Identify and describe one method that enzymes use to catalyze reactions.

4. Draw a Gibbs free energy (G) diagram for $A \rightarrow B$ and $C \rightarrow D$, where $A \rightarrow B$ is faster than $C \rightarrow D$.