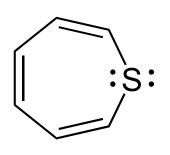
Which of the following represents the molecular orbital (MO) diagram for the compound shown?



A) 
$$\pi^*$$

$$\frac{1}{1} \frac{\pi^*}{\pi}$$

B) 
$$\frac{-\pi^*}{-\pi^*}$$

$$\frac{1}{4} \frac{1}{\pi} \pi$$

C) 
$$\underline{\qquad} \pi^*$$
 $\underline{\qquad} \pi^*$ 
 $\underline{\qquad} \pi$ 

D) 
$$\underline{\qquad} \pi^*$$
 $\underline{\qquad} \pi^*$ 
 $\underline{\qquad} \pi$ 

E) 
$$\frac{\pi^*}{\frac{1}{2}} \frac{\pi^*}{\pi}$$