

How does the drug cocaine affect synaptic transmission?

- A It increases the amount of dopamine that is released.
- B It decreases the amount of dopamine that is released.
- C It blocks the uptake of dopamine back into the presynaptic cell.
- D It prevents dopamine from binding to receptors on the postsynaptic cell.

Cocaine blocks the uptake of the neurotransmitter dopamine so that it lingers in synaptic clefts, stimulating target cells.

Answer **C**.

Starr C'29'13 2002-10-23