Dopamine is an endogenous hormone neurotransmitter that binds and activates dopamine receptors. Dopamine binding to D1/2/5 receptors increases levels of cAMP and dopamine binding to D3/4 receptors decreases levels of cAMP. Dopamine plays a role in motor control, mood, cognition, reward signaling, nausea, and arousal. Dopamine also exhibits immunomodulatory activity, activating naïve and resting T cells and inhibiting activated T cells.

References


Caution: This product is intended for laboratory and research use only. It is not for human or drug use.