

Endorphins and Enkephalin

Control and Regulate the Perception of Pain

Primarily found in neurons of the somatosensory cortex (parietal lobes), the medulla and the somatic nervous system.

The action of endorphins allows the body to continue functioning despite being at or beyond the normal thresholds of endurance or pain.

The action of endorphins in the hypothalamus and nucleus accumbens can generate euphoria.

Opiate drugs are very similar chemically and mimic these effects.