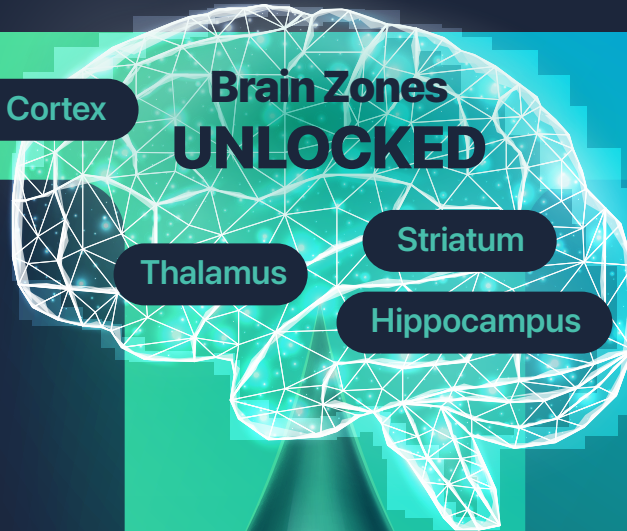




Fuel For the Brain

Beta-Hydroxybutyrate (BHB) optimizes brain function by serving as an efficient energy source. It enhances cognitive abilities, memory, focus, and reaction time through its unique physiological benefits, including neuroprotection and energy efficiency.



Cognition

Energy Efficiency: Supplies the brain with a steady and efficient energy source, improving overall cognitive function.

Synaptic Plasticity: Enhances neuron connections, leading to better learning and adaptability.

Neurotransmitter Support: Regulates dopamine and serotonin levels, improving focus and emotional stability.

Memory

Hippocampus Enhancement: Boosts memory formation and retrieval

BDNF Stimulation: critical for memory consolidation.

Reduced Oxidative Stress: Produces 46x less harmful ROS than glucose, thus reducing cell damage and premature cell death.

Brain Zones UNLOCKED

Prefrontal Cortex

Thalamus

Striatum

Hippocampus

How BHB Works in the Brain



Crosses the blood-brain barrier effortlessly



Generates 225% more energy than glucose/sugar



It is a macronutrient, it produces real cellular ATP energy

Focus

Prefrontal Cortex Activation: Improves working memory and decision-making.

Sustained Energy: Provides a constant energy supply, reducing mental fatigue and increasing attentiveness.

Neurotransmitter

Optimization: Elevates levels of key chemicals like norepinephrine, which are essential for concentration.

Brain Reaction Time

Faster Neural Firing: Improves the speed at which neurons fire, enabling quicker responses.

Motor Coordination: Enhances striatum activity, improving both mental and physical reaction times.

Athletic Studies: Research shows reduced mental fatigue and faster reflexes in high-performance settings.

