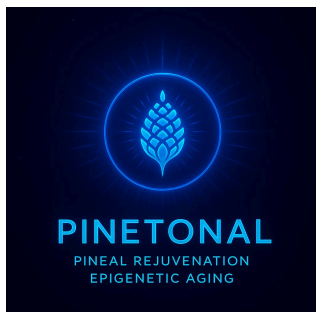
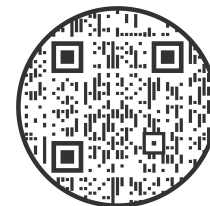


# Extended|Longevity



## Product Information



**Pinetonal** Formula is a liquid phytotherapeutic extract combining six botanicals historically associated with **neurological support**, **restorative function**, and **systemic balance**. Each plant has been selected for its traditional role in promoting vitality and its relevance to modern botanical research exploring neuroprotective, adaptogenic, and antioxidant pathways.

**Pistacia vera (Pistachio)** Cultivated across the Middle East and Central Asia for thousands of years, the pistachio has been incorporated into traditional diets and herbal practices. Researchers have identified *Pistacia vera* as a notable botanical source of naturally occurring melatonin, and have explored its polyphenol and antioxidant profile for potential effects on oxidative stress and cellular resilience.

**Scutellaria baicalensis (Baical Skullcap)** Native to eastern Asia and a foundational herb in Traditional Chinese Medicine, baical skullcap has been used for centuries in preparations historically associated with calming, systemic balance, and cognitive support. Researchers have extensively studied the root's primary flavonoids, particularly baicalin and baicalein for their effects on neurological signaling pathways and oxidative processes, with contemporary botanical literature exploring their interactions with neuroprotective mechanisms at the cellular level.

**Passiflora incarnata (Passionflower)** Native to the southeastern United States and long used in North American and European herbal traditions, passionflower was historically prepared as a calming botanical associated with restful sleep and nervous system support. Researchers have investigated the plant's bioactive constituents including flavonoids, amino acid derivatives, and alkaloids for their effects on GABAergic pathways and monoamine systems, to explore its mechanisms in the context of neurological function and stress response.

**Panax quinquefolius (American Ginseng)** American ginseng has been used in indigenous North American traditions for centuries and was later adopted into Western and East Asian herbal practice as a tonic associated with vitality, stamina, and cognitive clarity. Studied for their effects on stress-response pathways, cellular signaling, and longevity-associated gene expression, with peer-reviewed literature exploring its adaptogenic activity and interactions with insulin and oxidative stress mechanisms.

**Elettaria cardamomum (Cardamom)** Native to the forests of southern India and Sri Lanka, cardamom has been a prized botanical in Ayurvedic tradition and South Asian culinary practice for thousands of years, historically prepared as a warming digestive and restorative tonic. Researchers have investigated *Elettaria cardamomum* as a notable plant-based source of zinc and selenium, and botanical studies have explored its volatile oils and phenolic compounds for their effects on microbial environments and antioxidant pathways.

**Cinnamomum verum (Ceylon Cinnamon)** True cinnamon, native to Sri Lanka, has been traded and used in culinary and herbal traditions across South Asia, the Middle East, and Europe for thousands of years, historically prepared as a warming digestive tonic and circulatory support. Researchers have extensively studied *Cinnamomum verum* for its cinnamaldehyde and polyphenol content, examining its potential effects on blood sugar metabolism, circulatory function, and oxidative stress pathways in contemporary botanical and nutritional science.

These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure, or prevent any disease.