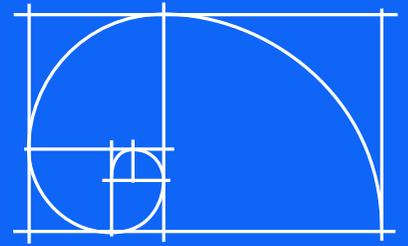




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## What is Alpha-GPC?:

Alpha-GPC (L-Alpha glycerylphosphorylcholine) is a naturally occurring molecule that resides within the brain. This vital nutrient, closely related to the B-vitamin family, specifically resides within the cell membrane neurons. Alpha-GPC belongs to a class of choline donors and acts as the precursor to the important neurotransmitter acetylcholine, which is involved in memory maintenance and cognitive health.

Alpha-GPC is the most bioavailable of the naturally occurring choline compounds, thus has been shown to be effective in supporting cognitive function and neurological, corporeal health in both pre-clinical and clinical studies.

## Benefits of Alpha-GPC:

Not only has this effective brain-boosting molecule been shown to improve neurological function relatively shortly after administration, but it also has long-term benefits to:

- Improve transmission of signals between neurons
- Promote recovery and have neuroprotective effects in cases of ischemia
- Enhance memory and mental clarity

## Increased Acetylcholine Production

Alpha-GPC has been heavily supported through research to have an association with increased acetylcholine production in the brain. Acetylcholine is a vital neurotransmitter that is vital for the formation and maintenance of memories and overall healthy brain function. Not only does it involve both short and long term memory, but alpha-GPC has also been linked to increasing oxygenation of the brain through increased blood flow to improve acuity and the ability to concentrate and focus.



\*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.

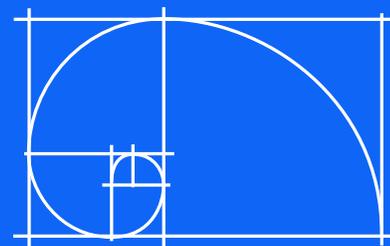
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## Neuroprotective Effects

The remarkable neuroprotective effects of alpha-GPC were shown in a multicenter clinical trial that was published in the Annals of the New York Academy of Sciences. Over 2,000 stroke patients were enrolled in a study where they were administered alpha-GPC for 6 months. The scientists and clinicians found a strong statistical significance of neurological recovery in patients that were administered alpha-GPC as assessed by four independent measures. The authors of this study conclude that alpha-GPC holds a very promising profile to improve patient neuronal function.



## Product Specification

**Chemical Name:** L-Alpha glycerylphosphorylcholine (alpha-GPC)

**IUPAC:** [(2S)-2,3-Dihydroxypropyl] 2-trimethylazaniumylethyl phosphate

**Recommended daily intake:** 300-1,200 mg

**Pack size:** 1 kg (custom packaging available)

**Molecular formula:** C<sub>8</sub>H<sub>20</sub>NO<sub>6</sub>P

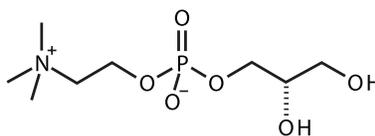
**Molar weight:** 257.221 g/mol

**CAS number:** 28319-77-9

**Purity:** >99%

**Purity:** 50% granulated for direct compression

**Storage:** Material is highly hygroscopic. Make sure that container remains sealed when material not in use. Store in cool, dry place.



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