



## Overview of Synapsin

Synapsin is an innovative formulation primarily used in the management of neurological health. It is not a single substance but rather a combination of ingredients, including ginsenoside Rg3 (*derived from Panax ginseng*), nicotinamide riboside, and methylcobalamin. Synapsin is often prescribed to support neurological function, enhance cognitive health, and manage symptoms related to neurodegenerative diseases.

### Uses & Benefits

The primary use of Synapsin is to support neural health and cognitive function. It is commonly utilized by healthcare practitioners in cases involving memory loss, cognitive decline, and other symptoms associated with conditions like Alzheimer's disease, dementia, and other forms of cognitive impairment. The components of Synapsin are believed to aid in neuroprotection and neuroregeneration, potentially helping to restore and protect nerve function.

Ginsenoside Rg3 is known for its anti-inflammatory effects and its potential to improve cognitive function and enhance energy. Nicotinamide riboside is a form of vitamin B3 that plays a role in energy metabolism and is noted for its benefits in neuroprotection. Methylcobalamin, a form of vitamin B12, supports brain health and the maintenance of nerve cells.

### Synapsin for Chronic Inflammatory Response Syndrome (CIRS)

Synapsin is particularly valued in the treatment of patients with Chronic Inflammatory Response Syndrome (CIRS), a condition characterized by chronic inflammation triggered by exposure to biotoxins. CIRS often leads to a wide range of neurological symptoms due to the impact of inflammation on the nervous system, including cognitive impairment, fatigue, and mood disorders. Synapsin's formulation, which includes ginsenoside Rg3, nicotinamide riboside, and methylcobalamin, is designed to support neurological function and promote neural repair. These components are believed to help protect and regenerate nerve cells, reduce neuroinflammation, and improve neuronal energy production, making Synapsin a potentially beneficial adjunct in managing the neurological aspects of CIRS. The use of Synapsin aims to mitigate some of the cognitive and neurological impairments associated with this syndrome, providing a supportive therapy that complements other treatments aimed at alleviating the root causes of CIRS.

### Side Effects

While Synapsin is generally well-tolerated, some individuals may experience side effects. Common adverse reactions can include mild gastrointestinal symptoms such as nausea, upset stomach, or diarrhea. Since Synapsin contains ingredients that affect neurological function, other potential side effects could include headaches, dizziness, or anxiety. As with any supplement, it's important for users to monitor for any adverse reactions and consult with your healthcare provider, especially if they are severe or persistent.

### **Regulatory Status & Considerations**

It's crucial to note that Synapsin is typically available through prescription and should be used under the guidance of a healthcare professional.

As Synapsin is not FDA-approved, it falls under the category of compounded medications used in specific individualized treatment plans. Lindgren Functional Medicine is careful to obtain Synapsin from a reputable licensed pharmacy known for producing high-quality compounded medications.

Synapsin offers a promising option for supporting neurological health and improving cognitive functions in patients experiencing neurodegenerative symptoms.