

Cogtyle Injection

Cerebroprotein Hydrolysate (60mg) Injection

Composition

Each vial contains:

- Cerebroprotein Hydrolysate – 60 mg

Excipients:

- Suitable excipients as per formulation requirements.
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Description

Cerebroprotein Hydrolysate is a protein-based neuropeptide, derived from bovine brain tissue, that is used to support the treatment of neurological disorders. It is believed to promote neuroprotection and neuroregeneration by enhancing synaptic plasticity and improving cognitive function. Cerebroprotein Hydrolysate has shown potential in the treatment of various conditions involving cognitive decline, neurodegenerative diseases, and traumatic brain injury.

Indications

Cerebroprotein Hydrolysate is indicated for the following conditions:

- **Cerebrovascular disorders:** For improving recovery and reducing the effects of neurological deficits following stroke or other cerebrovascular accidents.
- **Traumatic brain injury:** To aid in recovery and repair following brain trauma, enhancing cognitive and motor functions.
- **Neurodegenerative diseases:** For the treatment of Alzheimer's disease, Parkinson's disease, and other neurodegenerative

conditions to potentially slow the progression of symptoms.

- **Cognitive decline:** In patients experiencing mild to moderate cognitive impairment, including conditions such as vascular dementia.
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Dosage and Administration

- **Adults:**
 - The usual dose is 60 mg of Cerebroprotein Hydrolysate injected once a day, either intramuscularly (IM) or intravenously (IV), as prescribed by the physician.
 - **Treatment duration:** The duration of therapy is typically 2 to 4 weeks, but may vary depending on the patient's condition and response to treatment.
 - **Renal and Hepatic Impairment:**
 - Use with caution in patients with renal or liver impairment. Dose adjustments may be required in cases of significant organ dysfunction.
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Mechanism of Action

Cerebroprotein Hydrolysate works by acting as a neurotrophic factor, promoting the repair and regeneration of damaged neurons. It is thought to stimulate the synthesis of neurotransmitters and improve synaptic communication, which enhances brain function. The injection is believed to improve neuroplasticity, enhance cell survival, and accelerate recovery after brain injury or cerebrovascular events.

Contraindications

- **Hypersensitivity:** Known hypersensitivity to Cerebroprotein Hydrolysate or any of the excipients in the formulation.

- **Severe liver or renal failure:** Avoid use in patients with severe hepatic or renal dysfunction unless the benefits outweigh the risks.
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Warnings and Precautions

- **Pregnancy and Lactation:** The safety of Cerebroprotein Hydrolysate during pregnancy and breastfeeding has not been established. Use only if clearly needed and prescribed by a doctor.
 - **Allergic reactions:** Rare allergic reactions may occur, including rash, itching, or swelling. Discontinue use if signs of an allergic reaction occur and seek medical advice.
 - **Monitoring:** Regular monitoring of neurological function and side effects is recommended, especially during the initial stages of therapy.
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Side Effects

Common Side Effects:

- Local irritation or pain at the injection site
- Mild dizziness or headache
- Nausea or vomiting
- Fatigue

Serious Side Effects (rare):

- Severe allergic reactions (anaphylaxis)
 - Unusual neurological symptoms (e.g., tremors, difficulty with movement)
 - Anaphylactic shock: Rare but serious side effect that may occur in sensitive individuals.
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Drug Interactions

- Cerebroprotein Hydrolysate has not been found to interact significantly with other drugs. However, it is recommended to discuss with your doctor if you are using any neuroactive medications, anticoagulants, or antihypertensives.
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Storage

- Store at 2°C to 8°C (36°F to 46°F) in a refrigerator.
 - Protect from light.
 - Do not freeze.
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Note: Use this product only under the supervision of a healthcare provider experienced in treating neurological conditions. It is important to follow the prescribed dosage and consult your healthcare provider for any adverse reactions or concerns during treatment.

Manufactured in India for:



Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

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