

# Bringcitam Injection

## Brivaracetam (10mg) Injection

Brivaracetam Injection is an anticonvulsant medication used in the treatment of epilepsy. It is primarily indicated for the management of partial-onset seizures in patients who cannot tolerate or do not respond adequately to oral therapy. Brivaracetam works by modulating synaptic vesicle protein 2A (SV2A), a protein involved in neurotransmitter release, thereby stabilizing neuronal activity.

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### Composition:

- **Brivaracetam (10mg):** An anticonvulsant agent targeting SV2A to reduce seizure activity.
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### Indications:

- **Partial-Onset Seizures:** Used as adjunctive therapy for the treatment of partial-onset seizures with or without secondary generalization in patients with epilepsy.
  - **Alternative for Oral Therapy:** Suitable for patients unable to take oral medication due to vomiting, surgery, or other medical conditions.
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### Dosage & Administration:

- **Adults and Adolescents ( $\geq 16$  years):**
  - The usual starting dose is 50mg to 100mg/day, divided into two intravenous doses.
  - The maximum dose should not exceed 200mg/day, depending on

the patient's condition and response.

- **Route of Administration:** Intravenous (IV) injection, administered slowly over 2 to 15 minutes by a qualified healthcare professional.
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### Mechanism of Action:

Brivaracetam selectively binds to the synaptic vesicle protein SV2A, reducing abnormal electrical activity in the brain and decreasing the frequency of seizures.

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### Contraindications:

- **Hypersensitivity to Brivaracetam or any of its components.**
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### Side Effects:

- **Common:**
    - Drowsiness, dizziness, or fatigue.
    - Nausea or vomiting.
    - Irritability or mood changes.
  - **Serious (rare):**
    - Suicidal thoughts or behaviors.
    - Allergic reactions (e.g., rash, swelling, difficulty breathing).
    - Severe behavioral changes, including aggression or agitation.
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### Precautions:

- Use with caution in patients with a history of depression, psychiatric disorders, or suicidal ideation.

- **Adjust dose in patients with renal or hepatic impairment.**
  - **Do not discontinue abruptly; taper dosage under medical supervision to avoid withdrawal seizures.**
  - **Monitor for mood or behavioral changes during treatment.**
  - **Safety and efficacy have not been established in pediatric patients under 16 years.**
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#### **Drug Interactions:**

- **Central Nervous System Depressants:** Enhanced sedative effects when used with alcohol or other CNS depressants.
  - **Carbamazepine/Phenytoin:** May require dose adjustments due to altered plasma levels.
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#### **Storage:**

- **Store in a cool, dry place below 25°C.**
  - **Protect from light and keep the vial tightly sealed.**
  - **Do not freeze.**
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**Note: This medication should only be administered under the supervision of a qualified healthcare provider. Regular monitoring of seizure activity and overall response is essential.**

Manufactured in India for:



**Cafoli Lifecare Pvt. Ltd.**

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