Trepadone®
for the dietary management of the metabolic processes associated with pain and inflammation related to joint disorders.

- Non-Addictive
- Natural Amino Acid Formulation
- Manage Pain and Inflammation
- Alternative Therapy to NSAIDs
- Restore Neurotransmitters Depleted by Joint Disorders

Improve Amino Acid Deficiencies

Amino Acid Levels in Patients with Chronic Pain

Patients with chronic pain syndromes have reduced levels of amino acids critical for mitigating pain and inflammatory processes. In a double blind, multicenter trial, subjects with pain syndromes showed decreased levels of the amino acids required for production of pain modulating neurotransmitters, despite having a sufficient intake of protein indicating that the need for these amino acids are selectively increased in these patients.


Safety Information

Trepadone® is contraindicated in an extremely small number of patients with hypersensitivity to any of the nutritional components of Trepadone.

ADVERSE REACTIONS: Ingestion of L-Tryptophan, L-Arginine, or Choline at high doses of up to 15 grams daily is generally well tolerated. The most common adverse reactions of higher doses — from 15 to 30 grams daily — are nausea, abdominal cramps, and diarrhea. Trepadone contains less than 200mg per dose of amino acids however, some patients may experience these symptoms at lower doses. The total combined amount of amino acids in each Trepadone capsule does not exceed 100 mg. Trepadone Contains Fish (Tuna), Shellfish (Shrimp, Crab, and Crayfish), and Milk (Hydrolized Whey Protein Isolate) Ingredients.

DRUG INTERACTIONS: Trepadone does not directly influence the pharmacokinetics of prescription drugs. Clinical experience has shown that administration of Trepadone may allow for lowering the dose of co-administered drugs under physician supervision.
Trepadone® and Targeted Cellular Technology™

The efficacy of Trepadone is driven by Targeted Cellular Technology, a patented five step process that increases the cellular uptake and utilization of neurotransmitter precursors required for mitigating pain and inflammation.

1. Neurotransmitter Precursors
   - L-Glutamic Acid, L-Histidine

2. Neuron Uptake Stimulator
   - Hydrolyzed Whey Protein

3. Neuron Activator
   - Glutamine

4. Adenosine Antagonist
   - Theobromine

5. Attenuation Inhibitor
   - Grape Seed Extract

### Amino Acids, Biogenic Amines, & Other Nutrients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Per Recommended Dose** (Trepadone)</th>
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<tbody>
<tr>
<td>L-Histidine HCL (Produced from plan derived materials)</td>
<td>100 mg</td>
</tr>
<tr>
<td>Whey Protein Isolate (90%+ protein by weight)</td>
<td>66.6 mg</td>
</tr>
<tr>
<td>Gamma Aminobtyric Acid (GABA)</td>
<td>26.6 mg</td>
</tr>
<tr>
<td>Grape Seed Extract (85% polyphenols) (Standardized Extract)</td>
<td>33.2 mg</td>
</tr>
<tr>
<td>Cocoa Extract (fruit) (6% theobromine) (Standardized Extract)</td>
<td>33.2 mg</td>
</tr>
<tr>
<td>Glucosamine Sulfate</td>
<td>232 mg</td>
</tr>
<tr>
<td>Chondroitin Sulfate</td>
<td>200 mg</td>
</tr>
<tr>
<td>Omega-3 EFA (Microencapsulated from fish oil)</td>
<td>40 mg</td>
</tr>
<tr>
<td>Bromelain (Extracted Enzyme) (From sp. Anangs comosus)</td>
<td>36 mg</td>
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* Ingredient claims are based on current market availability. Actual claims may vary. Individual results, including those for microbiology, pesticides, and heavy metals including arsenic, cadmium, lead, and mercury are available to practitioners upon request. If you would like to learn more or provide feedback please email help@ptlcentral.com

**For the dietary management of osteoarthritis, tendonitis, and joint pain. Take two (2) capsules twice daily or as directed by a physician. As with most amino acid formulations Trepadone should be taken without food to increase the absorption of key ingredients.