



UNDERSTANDING YOUR TREATMENT

**IGF-1 LR3**

A long-acting analog of insulin-like growth factor studied for muscle and tissue growth.

- i** IGF-1 LR3 is a modified insulin-like growth factor-1 with an N-terminal 13-amino acid extension and Arg→Glu substitution at position 3 that reduces IGF binding protein (IGFBP) affinity. This extends the biological half-life from ~15 minutes (native IGF-1) to 56-72 hours and increases potency. Not FD

HOW IT WORKS

1

Compound Class

Modified IGF-1 analog (Long R3 variant — extended half-life)

2

Mechanism

Binds IGF-1 receptors with reduced IGF binding protein affinity, increasing bioavailability and tissue exposure

3

Research Focus

Muscle hypertrophy, tissue repair, recovery, body composition

Talk to your prescriber about whether IGF-1 LR3 may be right for you

This compound is available by prescription only



WHAT RESEARCHERS HAVE FOUND

Muscle Protein Synthesis

IGF-1 activates the PI3K/Akt/mTOR pathway, directly stimulating muscle protein synthesis and satellite cell proliferation for muscle repair and hypertrophy.

Growth Hormone & IGF Research, 2005

QUESTIONS TO ASK YOUR PROVIDER

- ? What is the evidence level supporting IGF-1 LR3 for this patient's specific clinical indication?
- ? What monitoring schedule (labs, symptoms, follow-up) should I establish?
- ? Are there drug interactions or contraindications I need to screen for?
- ? What is the recommended cycling protocol to optimize efficacy and minimize tolerance?
- ? What is the current regulatory and compounding status for IGF-1 LR3?

IMPORTANT SAFETY INFO

- Risk of hypoglycemia — IGF-1 has insulin-like effects on glucose uptake. Time doses around meals.
- May promote growth of existing tumors — contraindicated with active cancer or cancer history
- Requires physician monitoring of blood glucose, IGF-1 levels, and overall metabolic status
- Not approved by FDA for performance enhancement or bodybuilding
- Can cause temporary jaw/bone ache, joint pain, or localized swelling at higher doses

Have Questions?

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<https://www.eternalbeautytxarkana.com>

This is a compounded preparation and is NOT an FDA-approved product. It is prepared by a licensed pharmacy based on a prescription from your healthcare provider. The safety and efficacy of this compounded preparation have not been established by the FDA.