

# S-23 Overview

## Why We Need It

S-23 is one of the most potent SARMs developed to date, originally researched for male hormonal contraception and muscle-wasting disorders. Known for its strong anabolic and androgenic activity, S-23 offers significant lean muscle gains, fat loss, and muscle hardness, but also comes with a high risk of testosterone suppression. It is investigational and not FDA-approved for human use.

## Mechanism of Action

S-23 functions by binding strongly to androgen receptors (AR) in muscle and bone, activating anabolic signaling pathways to increase muscle protein synthesis. Its strong binding affinity gives it a high anabolic to androgenic ratio, surpassing other SARMs in muscle-building effects.

## However, unlike milder SARMs, S-23:

- Suppresses luteinizing hormone (LH) and follicle-stimulating hormone (FSH)
- Reduces endogenous testosterone production significantly
- Has demonstrated contraceptive potential in animal models by reducing sperm count

## Functions and Benefits

- Extreme lean muscle gain potential
- Muscle hardening and fat loss, ideal for cutting or recomposition phases
- Increased vascularity and strength
- Reduces water retention, promoting a dry, defined look
- Supports bone density through AR activation
- Highly anabolic, similar to low-dose steroids in effect

## Medical-Grade Dosing

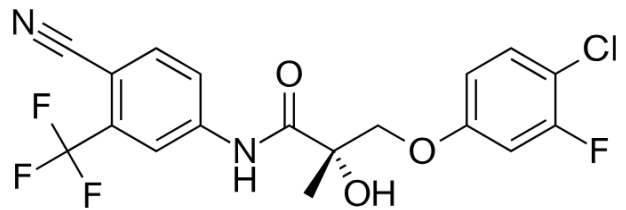
Dose: 10–30 mg per day

Frequency: Once daily or split doses (half-life ~12 hours)

Cycle Duration: 4–8 weeks

Post-Cycle Therapy (PCT): Strongly required; Clomid or Nolvadex mandatory due to full suppression

Liver Support: NAC (600–1,200 mg/day) or TUDCA (250 mg/day) recommended for support during cycle



## Pharmacology and Bioavailability

- Orally bioavailable with consistent dosing effects
- Very high binding affinity for androgen receptors
- Induces full suppression of endogenous testosterone
- Low liver toxicity, but monitoring recommended
- Research-use only, no clinical applications approved

## Administration Guidelines

- Take once daily or split into AM/PM doses to maintain stable levels
- Always follow with a full PCT protocol to restore hormonal function
- Monitor hormone panels (Testosterone, LH, FSH) pre-, mid-, and post-cycle
- Avoid stacking with other suppressive agents unless under professional supervision

## Conclusion

S-23 is a highly potent SARM designed for maximum anabolic output, offering hard muscle gains, strength increases, and dramatic physique enhancement. However, its full suppression of natural testosterone demands rigorous post-cycle therapy and hormone monitoring. Suitable only for advanced experimental protocols, S-23 should be used with extreme caution and professional oversight.