

ACP-105 Overview

Why We Need It

ACP-105 is an investigational non-steroidal SARM (Selective Androgen Receptor Modulator) developed to provide the muscle and bone-building benefits of anabolic steroids while minimizing androgenic side effects. It has shown promising neuroprotective properties in animal models, making it a candidate for muscle wasting, osteoporosis, and cognitive health research. ACP-105 remains experimental with no FDA-approved medical applications.

Mechanism of Action

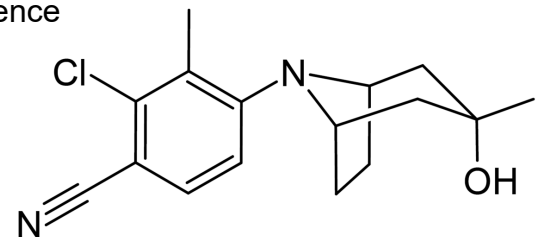
ACP-105 functions by selectively binding to androgen receptors (AR) in muscle and bone tissue while avoiding significant activation in reproductive tissues. This tissue selectivity allows for anabolic effects with a lower risk of side effects like hair loss or prostate enlargement.

In preclinical studies, ACP-105 has demonstrated:

- Anabolic stimulation of muscle protein synthesis via androgen receptor signaling.
- Promotion of bone strength and density by enhancing bone-building pathways.
- Neuroprotective effects, showing promise in cognitive preservation in aging models.
- These combined actions make ACP-105 a multi-functional compound with both physical and potential cognitive benefits.

Functions and Benefits

- Stimulates lean muscle growth with fewer androgenic risks
- Supports bone density and skeletal health
- May offer neuroprotective effects, improving cognitive resilience
- Provides clean muscle gains with minimal water retention
- Lower hormonal suppression risk compared to stronger
- May enhance recovery and body composition



Medical-Grade Dosing

Dose: 10–20 mg per day

Frequency: Once daily (half-life ~4–6 hours)

Cycle Duration: 4–8 weeks

Post-Cycle Therapy (PCT): Optional, depending on suppression symptoms (Clomid or Nolvadex if needed)

Liver Support: Generally not required; NAC or TUDCA optional for long-term use

Pharmacology and Bioavailability

- Orally bioavailable with moderate absorption
- Low liver toxicity in preclinical data
- Selective androgen receptor activation in muscle, bone, and brain tissue
- Chemically synthesized for research purposes only

Administration Guidelines

- Take once daily, with or without food
- Monitor hormone levels (Testosterone, LH, FSH) if used in experimental protocols
- Consider PCT if suppression or hormonal imbalance symptoms occur

Conclusion

ACP-105 is a versatile investigational SARM showing muscle-building, bone-supporting, and potential neuroprotective properties. Its favorable selectivity and lower side effect profile make it an attractive compound for researchers seeking multi-dimensional anabolic support. Experimental use should always include cycle management, hormonal monitoring, and professional oversight.