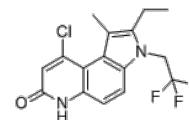


Product Name : LGD-3303
Cat. No. : PC-61861
CAS No. : 917891-35-1
Molecular Formula : C₁₆H₁₄ClF₃N₂O
Molecular Weight : 342.743
Target : Androgen Receptor (AR)
Solubility : 10 mM in DMSO



Biological Activity

LGD-3303 is an orally available, brain-penetrant nonsteroidal selective androgen receptor modulator (**SARM**) that shows little or no cross-reactivity with related nuclear receptors.

LGD-3303 has potent activity on levator ani muscle but is a partial agonist on the preputial gland and ventral prostate in a castrated rat model of androgen deficiency.

LGD-3303 enhances male-directed sexual preference, proceptive behavior, and lordosis behavior in sexually experienced, but not sexually naive, female rats.

References

Vajda EG, et al. J Pharmacol Exp Ther. 2009 Feb;328(2):663-70.

Vajda EG, et al. J Bone Miner Res. 2009 Feb;24(2):231-40.

Kudwa AE, et al. Endocrinology. 2010 Jun;151(6):2659-68.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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