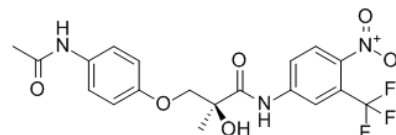


**Product Name** : Andarine  
**Cat. No.** : PC-42838  
**CAS No.** : 401900-40-1  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>6</sub>  
**Molecular Weight** : 441.3579  
**Target** : Androgen Receptor (AR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Andarine (S-4;GTx007) is a non-steroidal selective androgen receptor modulator (SARM) with  $K_i$  of 4 nM, efficaciously stimulated AR-mediated reporter gene expression; demonstrates in vivo androgenic and anabolic activity, stimulates the anabolic organs more than the androgenic organs; improves muscle strength and body composition and prevents bone loss in orchidectomized rats.

## References

- Kearbey JD, et al. *Xenobiotica*. 2004 Mar;34(3):273-80.  
Gao W, et al. *Endocrinology*. 2005 Nov;146(11):4887-97.  
Yin D, et al. *J Pharmacol Exp Ther*. 2003 Mar;304(3):1334-40.  
Kearbey JD, et al. *Pharm Res*. 2007 Feb;24(2):328-35.

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

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