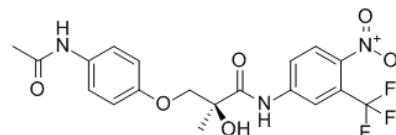


**Product Name** : Andarine  
**Cat. No.** : PC-42838  
**CAS No.** : 401900-40-1  
**Molecular Formula** : C<sub>19</sub>H<sub>18</sub>F<sub>3</sub>N<sub>3</sub>O<sub>6</sub>  
**Molecular Weight** : 441.3579  
**Target** : Androgen Receptor (AR)  
**Solubility** : 10 mM in DMSO



## Biological Activity

Andarine (S4, GTx007) is a non-steroidal selective androgen receptor modulator (SARM) with K<sub>i</sub> of 4 nM, efficaciously stimulates AR-mediated reporter gene expression.

Andarine (S4, GTx007) demonstrates in vivo androgenic and anabolic activity, stimulates the anabolic organs more than the androgenic organs.

Andarine (S4, GTx007) 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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