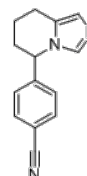


**Product Name** : Fadrozole  
**Cat. No.** : PC-60698  
**CAS No.** : 102676-47-1  
**Molecular Formula** : C<sub>14</sub>H<sub>13</sub>N<sub>3</sub>  
**Molecular Weight** : 223.279  
**Target** : Aromatase  
**Solubility** : 10 mM in DMSO



## Biological Activity

Fadrozole (CGS 16949A, FAD286) is a potent and selective, orally bioavailable **aromatase** inhibitor with IC<sub>50</sub> of 1.7 nM, 180 times more potent than aminoglutethimide.

Fadrozole lowers ovarian estrogen synthesis by gonadotropin-primed, androstenedione treated mice, suppresses hormone-dependent and -independent tumors in vivo.

## References

Steele RE, et al. Steroids. 1987 Jul-Sep;50(1-3):147-61.

Schieweck K, et al. Cancer Res. 1988 Feb 15;48(4):834-8.

Juniewicz PE, et al. J Urol. 1988 Apr;139(4):827-31.

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

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