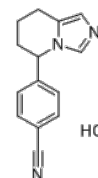


Product Name : Fadrozole hydrochloride
Cat. No. : PC-60699
CAS No. : 102676-31-3
Molecular Formula : C₁₄H₁₄ClN₃
Molecular Weight : 259.737
Target : Aromatase
Solubility : 10 mM in DMSO



Biological Activity

Fadrozole (FAD286) hydrochloride is a potent and selective, orally bioavailable **aromatase** inhibitor with IC₅₀ of 1.7 nM, 180 times more potent than aminoglutethimide.

Fadrozole (FAD286) 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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