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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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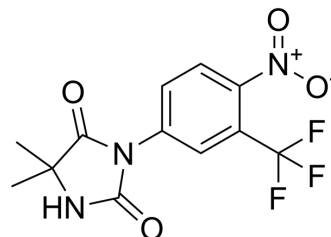
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Nilutamide (Standard)

Cat. No.:	HY-13702R
CAS No.:	63612-50-0
Molecular Formula:	C ₁₂ H ₁₀ F ₃ N ₃ O ₄
Molecular Weight:	317.22
Target:	Androgen Receptor; Parasite
Pathway:	Vitamin D Related/Nuclear Receptor; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Nilutamide (Standard) is the analytical standard of Nilutamide. This product is intended for research and analytical applications. Nilutamide (Nilandron) is an orally active nonsteroidal androgen receptor antagonist with affinity for androgen receptors but not for progesterone, estrogen or glucocorticoid receptors. Nilutamide can be used to research prostate cancer. Nilutamide also has antischistosomal properties ^{[1][4]} .
IC₅₀ & Target	Androgen receptor, Parasite ^{[1][4]}

REFERENCES

- [1]. Harris MG, et al. Nilutamide. A review of its pharmacodynamic and pharmacokinetic properties, and therapeutic efficacy in prostate cancer. *Drugs Aging*. 1993 Jan-Feb;3(1):9-25.
- [2]. Babany G, et al. Inhibitory effects of nilutamide, a new androgen receptor antagonist, on mouse and human liver cytochrome P-450. *Biochem Pharmacol*. 1989 Mar 15;38(6):941-7.
- [3]. Simard J, et al. Comparison of in vitro effects of the pure antiandrogens OH-flutamide, Casodex, and nilutamide on androgen-sensitive parameters. *Urology*. 1997 Apr;49(4):580-6; discussion 586-9.
- [4]. Keiser J, Vargas M, Vennerstrom JL. Activity of antiandrogens against juvenile and adult *Schistosoma mansoni* in mice. *J Antimicrob Chemother*. 2010 Sep;65(9):1991-5.

Caution: Product has not been fully validated for medical applications. For research use only.

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