



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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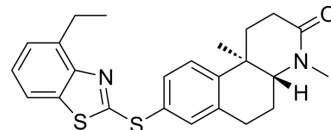
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## Izonsteride

Cat. No.:	HY-106129
CAS No.:	176975-26-1
Molecular Formula:	C <sub>24</sub> H <sub>26</sub> N <sub>2</sub> OS <sub>2</sub>
Molecular Weight:	422.61
Target:	5 alpha Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Izonsteride (Compound LY320236) is an inhibitor of 5 $\alpha$ -reductase (IC<sub>50</sub> = 11.6 nM for type I; 7.37 nM for type II). LY320236 inhibits the activity of steroid 5 $\alpha$ -reductase, preventing the conversion of testosterone (T) to dihydrotestosterone (DHT). LY320236 can significantly inhibit the growth of LNCaP tumors in thymic mice without exhibiting obvious host toxicity<sup>[1]</sup>.

### REFERENCES

[1]. McNulty AM, et al. Kinetic analysis of LY320236: competitive inhibitor of type I and non-competitive inhibitor of type II human steroid 5 $\alpha$ -reductase. J Steroid Biochem Mol Biol. 2000 Jan-Feb;72(1-2):13-21.

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

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