



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

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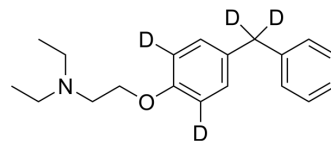
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Tesmilifene-d₄

Cat. No.:	HY-13762S
Molecular Formula:	C ₁₉ H ₂₁ D ₄ NO
Molecular Weight:	287.43
Target:	Isotope-Labeled Compounds; Cytochrome P450
Pathway:	Others; Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Tesmilifene-d₄ is the deuterium labeled Tesmilifene (HY-13762). Tesmilifene is an antihistamine agent and a chemical sensitizer. Tesmilifene targets cytochrome P450, exhibits hormonal effects on DNA synthesis in MCF-7 cells, and stimulates the tumor growth in mouse/rat models. Tesmilifene overcomes multidrug resistance^[1].

REFERENCES

[1]. Brandes LJ. N,N-diethyl-2-[4-(phenylmethyl) phenoxy] ethanamine (DPPE; tesmilifene), a chemopotentiating agent with hormetic effects on DNA synthesis in vitro, may improve survival in patients with metastatic breast cancer. Hum Exp Toxicol. 2008 Feb;27(2):143-7.

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

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