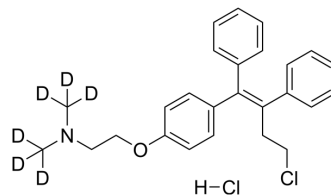


Toremifene-d₆ hydrochloride

Cat. No.:	HY-B0005S1
Molecular Formula:	C ₂₆ H ₂₃ D ₆ Cl ₂ NO
Molecular Weight:	448.46
Target:	Estrogen Receptor/ERR; Isotope-Labeled Compounds
Pathway:	Vitamin D Related/Nuclear Receptor; Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Toremifene-d₆ (Z-Toremifene-d₆) hydrochloride is deuterium labeled Toremifene. Toremifene is a second-generation selective estrogen-receptor modulator (SERM) in development for the prevention of osteoporosis. Toremifene also potent inhibits infectious EBOV Zaire and Marburg (MARV) with IC₅₀ of 0.07 μM and 2.6 μM, respectively^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother.* 2019;53(2):211-216.
- [2]. Matthew R Smith, Selective Estrogen Receptor Modulators to Prevent Treatment-Related Osteoporosis. *Rev Urol.* 2005; 7(Suppl 3): S30-S35.

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

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