



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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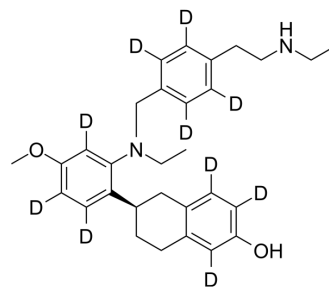
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Elacestrant-d₁₀

Cat. No.:	HY-19822S2
Molecular Formula:	C ₃₀ H ₂₈ D ₁₀ N ₂ O ₂
Molecular Weight:	468.7
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

Elacestrant-d₁₀ is the deuterium labeled of Elacestrant (HY-19822). Elacestrant is an orally available and selective estrogen receptor degrader (SERD) with IC₅₀s of 48 and 870 nM for ERα and ERβ, respectively. Elacestrant also inhibits growth of ER⁺ breast cancer cell lines in vitro and in vivo^{[1][2]}.

REFERENCES

[1]. Garner F, et al. RAD1901: a novel, orally bioavailable selective estrogen receptor degrader that demonstrates antitumor activity in breast cancer xenograft models. *Anticancer Drugs*. 2015 Oct;26(9):948-56.

[2]. Bihani T, et al. Elacestrant (RAD1901), a Selective Estrogen Receptor Degradar (SERD), Has Antitumor Activity in Multiple ER⁺ Breast Cancer Patient-derived Xenograft Models. *Clin Cancer Res*. 2017 Aug 15;23(16):4793-4804.

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

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