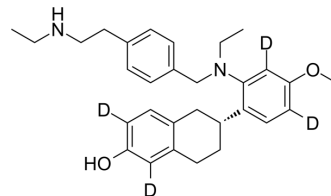


Elacestrant-d₄-1

Cat. No.:	HY-19822S1
Molecular Formula:	C ₃₀ H ₃₄ D ₄ N ₂ O ₂
Molecular Weight:	462.66
Target:	Isotope-Labeled Compounds; Estrogen Receptor/ERR
Pathway:	Others; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Elacestrant-d₄-1 is the deuterium labeled Elacestrant (HY-19822). Elacestrant is an orally available and selective estrogen receptor degrader (SERD) with IC₅₀s of 48 and 870 nM for ER α and ER β , respectively^{[1][2]}.

REFERENCES

- [1]. Russak EM, et al. Impact of Deuterium Substitution on the Pharmacokinetics of Pharmaceuticals. *Ann Pharmacother*. 2019 Feb;53(2):211-216.
- [2]. 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.

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

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