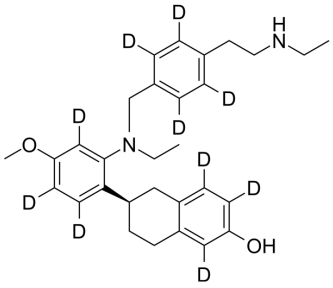
Elacestrant-d_{10}

Cat. No.:	HY-19822S2
Molecular Formula:	$C_{30}H_{28}D_{10}N_2O_2$
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-d_{10} is the deuterium labeled of Elacestrant (HY-19822). Elacestrant is an orally available and selective estrogen receptor degrader (SERD) with IC_{50}s 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 Degrader (SERD), Has Antitumor Activity in Multiple ER+ Breast Cancer Patient-derived Xenograft Models. Clin Cancer Res. 2017 Aug 15;23(16):4793-4804.

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