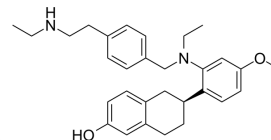


Elacestrant (S enantiomer)

Chemical Properties

CAS No. :	2309762-29-4
Formula:	C30H38N2O2
Molecular Weight:	458.63
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Elacestrant S enantiomer (RAD1901 S enantiomer) is a low activity enantiomer of elacestrant. Elacestrant, also known as RAD1901, is an orally available and selective estrogen receptor (ERR) degrader. It exhibits IC50 values of 48 nM and 870 nM for ER α and ER β , respectively.
Targets(IC50)	Estrogen Receptor/ERR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1804 mL	10.902 mL	21.8041 mL
5 mM	0.4361 mL	2.1804 mL	4.3608 mL
10 mM	0.218 mL	1.0902 mL	2.1804 mL
50 mM	0.0436 mL	0.218 mL	0.4361 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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