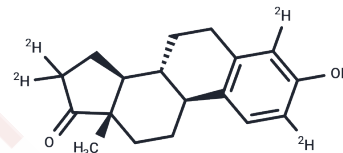


Estrone-D4

Chemical Properties

CAS No. :	53866-34-5
Formula:	C ₁₈ H ₁₈ D ₄ O ₂
Molecular Weight:	274.39
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	Estrone-D4 is a deuterated compound of Estrone. Estrone (T1009) has a CAS number of 53-16-7. Estrone (T1009) is an aromatized C ₁₈ steroid with a 3-hydroxyl group and a 17-ketone, a major mammalian estrogen. It is converted from ANDROSTENEDIONE directly, or from TESTOSTERONE via ESTRADIOL. In humans, it is produced primarily by the cyclic ovaries, PLACENTA, and the ADIPOSE TISSUE of men and postmenopausal women.
Targets(IC50)	Estrogen Receptor/ERR,Endogenous Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.6444 mL	18.2222 mL	36.4445 mL
5 mM	0.7289 mL	3.6444 mL	7.2889 mL
10 mM	0.3644 mL	1.8222 mL	3.6444 mL
50 mM	0.0729 mL	0.3644 mL	0.7289 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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