

Ospemifene D4

Chemical Properties

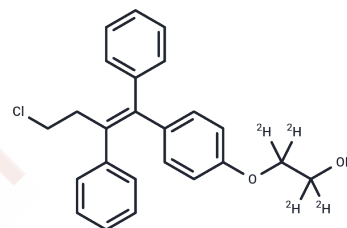
CAS No. :

Formula: C₂₄H₁₉D₄ClO₂

Molecular Weight: 382.92

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

Ospemifene-D4 is a deuterium labeled Ospemifene. Ospemifene (T6620) is a selective and orally active modulator of estrogen receptor.

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6115 mL	13.0576 mL	26.1151 mL
5 mM	0.5223 mL	2.6115 mL	5.223 mL
10 mM	0.2612 mL	1.3058 mL	2.6115 mL
50 mM	0.0522 mL	0.2612 mL	0.5223 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

- Qiang Qv.et al.Selective estrogenic effects of a novel triphenylethylene compound, FC1271a, on bone, cholesterol level, and reproductive tissues in intact and ovariectomized rats. *Endocrinology*.Feb;141(2):809-20. 25. (2000).
- Tracy L. Taras et al.In vitro and in vivo biologic effects of Ospemifene (FC-1271a) in breast cancer. *The Journal of Steroid Biochemistry and Molecular Biology* 77(4-5):271-9,(2001).

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