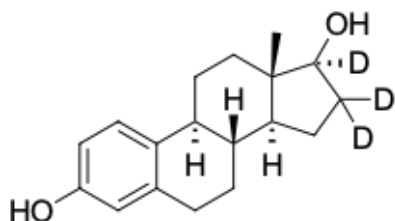


## Estradiol-d3

<http://www.lumiprobe.com/p/estradiol-d3>

Estradiol is a steroid sex hormone vital to the maintenance of fertility and secondary sexual characteristics in females. Estradiol regulates reproductive development in women and spermatogenesis in men, as well as lipid and glucose metabolism, maintenance of bone mass, energy balance, vascular metabolism, and induces the synthesis of a number of transport proteins. Estradiol level determination is used for diagnostics, evaluation and monitoring of therapy, biochemical and pharmacological studies.



**Structure of Estradiol-d3**

### General properties

Appearance: white powder

Molecular weight: 275.41

CAS number: 79037-37-9

Molecular formula:  $C_{18}H_{21}D_3O_2$

Quality control: NMR  $^1H$  and HPLC-MS (95+ %, D: 98+ %)

Storage conditions: 24 months after receipt at -20°C in the dark. Transportation: at room temperature for up to 3 weeks. Desiccate.

Legal statement: This Product is offered and sold for research purposes only. It has not been tested for safety and efficacy in food, drug, medical device, cosmetic, commercial or any other use. Supply does not express or imply authorization to use for any other purpose, including, without limitation, in vitro diagnostic purposes, in the manufacture of food or pharmaceutical products, in medical devices or in cosmetic products.