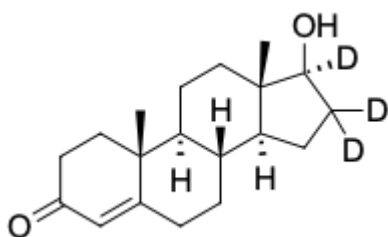


## Testosterone-d3

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

Testosterone-16,16,17-d3 is an analytical reference standard intended for use as an internal standard for the quantification of testosterone by GC- or LC-MS.

Testosterone is categorized as an anabolic androgenic steroid. Testosterone has a wide range of physiological functions, affects the nervous system, muscle, fat and bone tissue, cardiovascular system, as well as the reproductive system. Participates in the regulation of protein, lipid and carbohydrate metabolism, stimulates erythropoiesis. Quantification of testosterone is used in scientific research, for diagnosis, as well as for testing in sports.



**Structure of Testosterone-d3**

### General properties

Appearance: off-white solid/colorless liquid

Molecular weight: 291.44

CAS number: 77546-39-5

Molecular formula:  $C_{19}H_{25}D_3O_2$

Solubility: Acetonitrile, methanol

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.