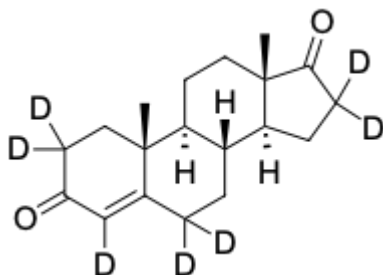


Androstenedione-d7

<http://www.lumiprobe.com/p/androstenedione-d7>

Androstenedione is a steroid hormone produced in testes in the ovary and in the adrenal cortex. Androstenedione is a precursor of testosterone and estrone. Androstenedione originates either from the conversion of dehydroepiandrosterone or from 17-hydroxyprogesterone. Androstenedione (ASD) is a biomarker used in the diagnostic workup of hyperandrogenism, congenital adrenal hyperplasia, premature adrenarche, and polycystic ovary syndrome (PCOS).



Structure of Androstenedione-d7

General properties

Appearance: off-white solid

Molecular weight: 293.45

CAS number: 67034-85-9

Molecular formula: $C_{19}H_{19}D_7O_2$

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.

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