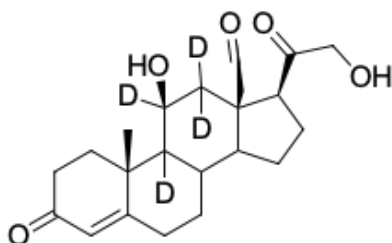


Aldosterone-d4

<http://www.lumiprobe.com/p/aldosterone-d4>

Aldosterone is a steroid hormone synthesized in the adrenal cortex. It plays a key role in regulating water-salt balance and blood pressure through its involvement in the renin-angiotensin-aldosterone system (RAAS). Aldosterone is used as a clinical marker in the diagnosis of primary aldosteronism (PA), as well as for assessing RAAS activity in renal disease, heart failure, and other conditions associated with water-electrolyte imbalance.

The product is intended for research purposes only.



Structure of Aldosterone-d4

General properties

Appearance: white powder

Molecular weight: 364.47

CAS number: 2368815-22-7

Molecular formula: C₂₁H₂₄D₄O₅

Solubility: acetonitrile

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.