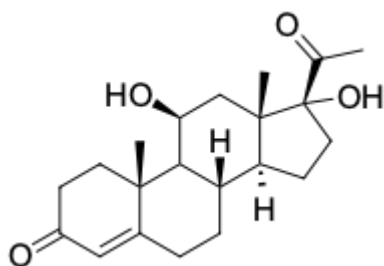


21-Deoxycortisol

<http://www.lumiprobe.com/p/21-deoxycortisol-641-77-0>

It is a highly specific biomarker synthesized in the adrenal glands, used to diagnose the most common form of Congenital Adrenal Hyperplasia (CAH) caused by 21-hydroxylase deficiency. Specifically, the measurement of this hormone is applied to confirm the diagnosis of 21-hydroxylase deficiency, identify heterozygous carriers of CYP21A2 gene mutations, and differentiate this condition from another form of CAH — 11 β -hydroxylase deficiency.

Using a high-purity reference standard is critical to ensure the accuracy and reliability of these analyses.



Structure of 21-Deoxycortisol

General properties

Appearance: yellow powder

Molecular weight: 346.46

CAS number: 641-77-0

Molecular formula: C₂₁H₃₀O₄

Solubility: ethanol

Quality control: NMR ¹H and HPLC-MS (95+%)

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.