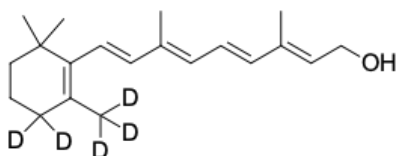


Retinol-d5

<http://www.lumiprobe.com/p/retinol-d5>

Retinol-d5 — biologically active form of fat-soluble vitamin A, with a stable deuterium label for quantitative studies by mass spectrometric methods. Retinol-d5 can be used to study the absorption, distribution and excretion of vitamin A in humans and animals, to study various physiological processes, including gene regulation, cell differentiation and immune function.



Structure of Retinol-d5

General properties

Molecular weight: 291.49

CAS number: 1185244-58-9

Molecular formula: C₂₀H₂₅D₅O

Solubility: 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.