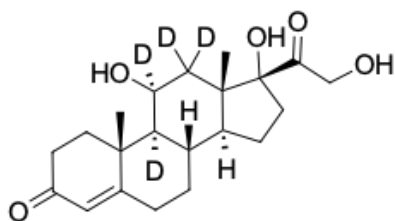


## Cortisol-d4

<http://cn.lumiprobe.com/p/cortisol-d4>

Cortisol is the main anti-inflammatory glucocorticoid hormone produced by the adrenal cortex, has a pronounced effect on all types of metabolism: carbohydrate, protein, fat and mineral metabolism. Receptors sensitive to cortisol are found in almost all cells. Cortisol levels determination could be used for the study of the steroid profile of blood serum or plasma by LC-MS/MS. Cortisol production is increased during periods of stress, and it is a major effector molecule in the hypothalamic-pituitary-adrenal axis (HPA) stress response. Cortisol levels increase with age and are often elevated in major depressive disorder, certain forms of hypertension, and Parkinson's disease.



外观: 白色粉末

分子量: 366.48

编号: CAS 73565-87-4

分子式:  $C_{21}H_{26}D_4O_5$

溶解度: 乙腈、DMSO

质量控制: NMR  $^1H$  和 HPLC-MS (95+%, D: 98+%)

储存条件: 收到后 -20°C 避光保存 24 个月。运输: 室温下最多可保存3周。干燥。

法律声明: 本产品仅供研究目的提供和销售。 本产品并未经过食品、药品、医疗器械、化妆品等领域的安全性和效力测试, 且未经明示或暗示授权用于其他任何用途, 包括但不限于体外诊断、人类或动物用途, 以及商业用途。