
11-Deoxycortisol-d5

<http://hk.lumiprobe.com/p/11-deoxycortisol-d5>

11-Deoxycortisol-d5 (2,2,4,6,6-d5) is the deuterium-labeled 11-deoxycortisol and is intended for use as an analytical reference standard in GC- or LC-MS.

11-deoxycortisol is an endogenous glucocorticoid steroid hormone and cortisol precursor. Cortisol (hydrocortisone) is synthesized from 11-deoxycortisol through a stereoselective hydroxylation reaction at position 11 β catalyzed by CYP11B1. 11-deoxycortisol could be used as a biomarker for the diagnosis of a rare form of Congenital Adrenal Hyperplasia (CAH) caused by 11 β -hydroxylase deficiency, Cushing's disease, ACTH-producing tumors, or 11 β -hydroxylase deficiency.

外观:

分子量: 351.50

CAS 编号: 1258063-56-7

分子式: $C_{21}H_{30}O_4$

溶解度: 乙腈, 甲醇

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

储存条件:

法律声明: 本產品僅供研究目的提供和銷售。本產品並未經過食品、藥品、醫療器械、化妝品等領域的安全性和效力測試, 且未經明示或暗示授權用於其他任何用途, 包括但不限於體外診斷、人類或動物用途, 以及商業用途。