

## 11-Deoxycortisol-d5

<http://cn.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 $\beta$  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 $\beta$ -hydroxylase deficiency, Cushing's disease, ACTH-producing tumors, or 11 $\beta$ -hydroxylase deficiency.

外观:

分子量: 351.50

分子式:

CAS 1258063-56-7

编号:

分子式: C<sub>21</sub>H<sub>30</sub>O<sub>4</sub>

溶解度:

乙腈, 甲醇

质量控制:

NMR <sup>1</sup>H and HPLC-MS (95+ %, D: 98+ %)

储存条件:

法律声明:

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