

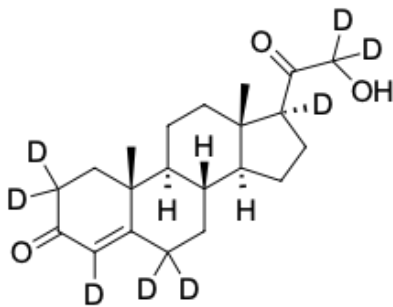
Deoxycorticosterone-d8

<http://cn.lumiprobe.com/p/11-deoxy-corticosterone-d8>

Deoxycorticosterone (DOC) serves as a key precursor in corticosterone synthesis and demonstrates significant physiological importance as a progesterone metabolite, with levels increasing substantially during pregnancy. As a potent mineralocorticoid receptor agonist, elevated DOC concentrations can lead to pathological mineralocorticoid excess states.

The measurement of deoxycorticosterone in blood is clinically important for diagnosing conditions such as congenital adrenal hyperplasia, identifying the causes of hypertension and hypokalemia due to mineralocorticoid excess, and detecting DOC-producing adrenal tumors.

Using our Deoxycorticosterone-d8 as an internal standard enables precise and reliable quantification of DOC levels in biological samples, ensuring high analytical accuracy for both clinical diagnostics and research applications.



外观:
分子量: 338.52
CAS 5487-63-3
编号:
分子式: $C_{21}H_{22}D_8O_3$
溶解度:
质量控制: NMR 1H 和 HPLC-MS (95+%、D: 98+%)
储存条件:
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