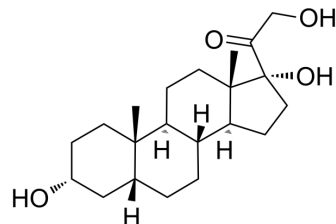


Tetrahydro-11-deoxycortisol

Cat. No.:	HY-113423
CAS No.:	68-60-0
Molecular Formula:	C ₂₁ H ₃₄ O ₄
Molecular Weight:	350.49
Target:	Endogenous Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Tetrahydro-11-deoxycortisol (Tetrahydrodeoxycortisol) is an endogenous metabolite present in Urine that can be used for the research of 11 Beta Hydroxylase Deficiency ^{[1][2]} .
In Vitro	Endogenous metabolites is defined as those that are annotated by Kyoto Encyclopedia of Genes and Genomes as substrates or products of the ~1900 metabolic enzymes encoded in our genome. It is clear in the body of literature that there are documented toxic properties for many of these metabolites ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Burren CP, et al. CYP11 beta 1 (11-beta-hydroxylase) deficiency in congenital adrenal hyperplasia. J Paediatr Child Health. 1996 Oct;32(5):433-8.
- [2]. Lee N, et al. Endogenous toxic metabolites and implications in cancer therapy. Oncogene. 2020 Aug;39(35):5709-5720.

Caution: Product has not been fully validated for medical applications. For research use only.

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