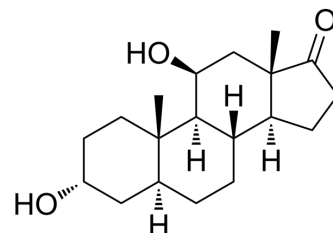


11 β -Hydroxyandrosterone

Cat. No.:	HY-113351		
CAS No.:	57-61-4		
Molecular Formula:	C ₁₉ H ₃₀ O ₃		
Molecular Weight:	306.44		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	11 β -Hydroxyandrosterone is a 11-oxygenated androgen metabolite of 11 β -hydroxyandrostenedione ^{[1][2]} .
In Vitro	11 β -Hydroxyandrosterone shows no overlap between C21OHD (classic 21-hydroxylase deficiency) and PORD (cytochrome P450 oxidoreductase deficiency) at a cutoff of 0.35 mg/g creatinine ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Research Square Preprint. 2021 Aug.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Yuhei Koyama, et al. Two-step Biochemical Differential Diagnosis of Classic 21-hydroxylase Deficiency and Cytochrome P450 Oxidoreductase Deficiency in Japanese Infants by GC-MS Measurement of Urinary Pregnanetriolone/ Tetrahydrocortisone Ratio and 11 β -hydroxyandrosterone. Clin Chem. 2012 Apr;58(4):741-7.

[2]. Michael W O'Reilly, et al. 11-Oxygenated C19 Steroids Are the Predominant Androgens in Polycystic Ovary Syndrome. J Clin Endocrinol Metab. 2017 Mar 1;102(3):840-848.

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

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