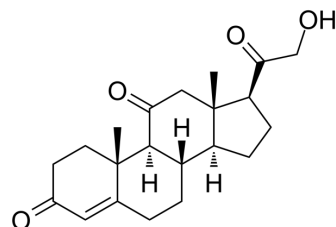


## 11-Dehydrocorticosterone

Cat. No.:	HY-113447		
CAS No.:	72-23-1		
Molecular Formula:	C <sub>21</sub> H <sub>28</sub> O <sub>4</sub>		
Molecular Weight:	344.44		
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-Dehydrocorticosterone is an endogenous corticosteroid. 11-Dehydrocorticosterone can be a source of transcriptionally active glucocorticoid in cardiac myocytes and fibroblasts. 11-Dehydrocorticosterone can increase SGK mRNA expression in cardiac fibroblast <sup>[1]</sup> .
IC <sub>50</sub> & Target	Human Endogenous Metabolite

### CUSTOMER VALIDATION

- Ruprecht-Karls-University Heidelberg. 2023 Dec 6.

See more customer validations on [www.MedChemExpress.com](http://www.MedChemExpress.com)

### REFERENCES

[1]. Sheppard KE, et al. 11Beta-hydroxysteroid dehydrogenase 1 transforms 11-dehydrocorticosterone into transcriptionally active glucocorticoid in neonatal rat heart. *Endocrinology*. 2002;143(1):198-204.

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

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