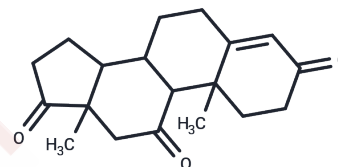


## Adrenosterone

## Chemical Properties

CAS No. :	382-45-6
Formula:	C <sub>19</sub> H <sub>24</sub> O <sub>3</sub>
Molecular Weight:	300.39
Storage:	Powder: -20°C for 3 years   In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Adrenosterone (11-ketoandrostenedione) is a steroid hormone isolated from the adrenal cortex.
Targets(IC50)	Androgen Receptor,Endogenous Metabolite

## Solubility Information

Solubility	DMSO: 25 mg/mL (83.23 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (3.33 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.329 mL	16.645 mL	33.2901 mL
5 mM	0.6658 mL	3.329 mL	6.658 mL
10 mM	0.3329 mL	1.6645 mL	3.329 mL
50 mM	0.0666 mL	0.3329 mL	0.6658 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

Blasco M, et al. J Chromatogr B Analyt Technol Biomed Life Sci. 2009 May 15;877(14-15):1509-15.

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