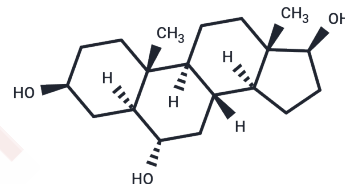


## Androstane-3,6,17-triol

## Chemical Properties

CAS No. :	49644-04-4
Formula:	C <sub>19</sub> H <sub>32</sub> O <sub>3</sub>
Molecular Weight:	308.46
Storage:	Store at 4°C Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Androstane-3,6,17-triol is a trihydroxy compound present in mouse prostate microsomes and is a testosterone metabolite.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2419 mL	16.2096 mL	32.4191 mL
5 mM	0.6484 mL	3.2419 mL	6.4838 mL
10 mM	0.3242 mL	1.621 mL	3.2419 mL
50 mM	0.0648 mL	0.3242 mL	0.6484 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

Celotti F, et al. Effects of 6- and 7-hydroxy metabolites of 3 beta,17 beta-dihydroxy-5 alpha-androstane on gonadotrophin and prolactin secretion and on sex accessories weight of male rats. J Steroid Biochem. 1983 Apr;18 (4):397-401.

Nancarrow CD, et al. Adult sheep blood metabolizes dihydrotestosterone to 5 alpha-androstane-3 alpha, 17 beta-diol and 5 alpha-androstane-3 beta, 17 beta-diol. Aust J Biol Sci. 1987;40(3):323-9.

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