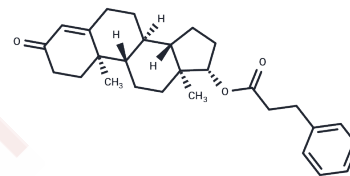


## Testosterone phenylpropionate

## Chemical Properties

CAS No. :	1255-49-8
Formula:	C <sub>28</sub> H <sub>36</sub> O <sub>3</sub>
Molecular Weight:	420.58
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	Testosterone phenylpropionate (Testosterone 17-phenylpropionate) is a steroid indicated for testosterone replacement therapy in sterilization, missing testicle, hypopituitarism, and osteoporosis.
Targets(IC50)	Others

## Solubility Information

Solubility	DMSO: 12 mg/mL (28.53 mM), Sonication is recommended. ( $< 1$ mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3777 mL	11.8883 mL	23.7767 mL
5 mM	0.4755 mL	2.3777 mL	4.7553 mL
10 mM	0.2378 mL	1.1888 mL	2.3777 mL
50 mM	0.0476 mL	0.2378 mL	0.4755 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

Forsdahl G , Zanitzer K , Erceg D , et al. Quantification of endogenous steroid sulfates and glucuronides in human urine after intramuscular administration of testosterone esters[J]. Steroids, 2020, 157:108614.

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