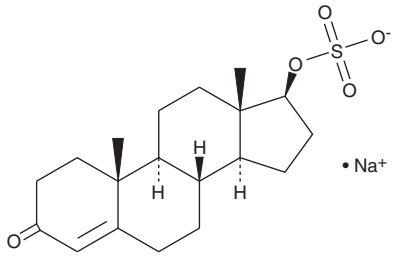
PRODUCT INFORMATION

Testosterone Sulfate (sodium salt)

Item No. 46396

CAS Registry No.:	6614-81-9
Formal Name:	17-(sulfooxy)-androst-4-en-3-one, monosodium salt
Synonym:	Testosterone 17β-sulfate
MF:	$C_{19}H_{27}O_5S$ • Na
FW:	390.5
Purity:	≥98%
Supplied as:	A solid
Storage:	-20°C
Stability:	≥4 years



Information represents the product specifications. Batch specific analytical results are provided on each certificate of analysis.

Laboratory Procedures

Testosterone sulfate (sodium salt) is supplied as a solid. A stock solution may be made by dissolving the testosterone sulfate (sodium salt) in the solvent of choice, which should be purged with an inert gas. Testosterone sulfate (sodium salt) is sparingly soluble (1-10 mg/ml) in ethanol and DMSO.

Description

Testosterone sulfate is a metabolite of testosterone.[1] It is formed from enzymatic sulfonation of testosterone in the adrenal glands and testis and is present in human urine and blood. Testosterone sulfate is converted to estradiol 17-sulfate *via* aromatase in human placental microsomes.[2] Maternal plasma levels of testosterone sulfate increase during pregnancy.[1]

References

1. Dessypris, A.G. Testosterone sulphate, its biosynthesis, metabolism, measurement, functions and properties. *J. Steroid Biochem.* **6(8)**, 1287-1298 (1975).
2. Satoh, T., Watanabe, K., Takanashi, K., *et al.* Evidence of direct conversion of testosterone sulfate to estradiol 17-sulfate by human placental microsomes. *J. Pharmacobiodyn* **15(8)**, 427-436 (1992).

WARNING
THIS PRODUCT IS FOR RESEARCH ONLY - NOT FOR HUMAN OR VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

SAFETY DATA
This material should be considered hazardous until further information becomes available. Do not ingest, inhale, get in eyes, on skin, or on clothing. Wash thoroughly after handling. Before use, the user must review the complete Safety Data Sheet, which has been sent *via* email to your institution.

WARRANTY AND LIMITATION OF REMEDY
Buyer agrees to purchase the material subject to Cayman's Terms and Conditions. Complete Terms and Conditions including Warranty and Limitation of Liability information can be found on our website.

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CAYMAN CHEMICAL
1180 EAST ELLSWORTH RD
ANN ARBOR, MI 48108 · USA
PHONE: [800] 364-9897
[734] 971-3335
FAX: [734] 971-3640
CUSTSERV@CAYMANCHEM.COM
WWW.**CAYMANCHEM**.COM