# PRODUCT INFORMATION



## 19-Norandrostenedione

Item No. 34110

CAS Registry No.: 734-32-7

Formal Name: estr-4-ene-3,17-dione

Synonyms: Estrendione, 4-Estrene-3,17-dione,

> 19-Nor-4-androsten-3,17-dione, 19-Norandrost-4-ene-3,17-dione,

Nordione, NSC 12164

MF:  $C_{18}H_{24}O_2$ FW: 272.4 **Purity:** ≥98% UV/Vis.:  $\lambda_{max}$ : 240 nm

Supplied as: A crystalline solid Storage: -20°C

Stability: ≥5 years

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



19-Norandrostenedione (Item No. 34110) is an analytical reference standard categorized as an anabolic androgenic steroid. 1 19-Norandrostenedione is a precursor in the biosynthesis of nandrolone (Item No. 21173). 19-Norandrostenedione is regulated as a Schedule III compound in the United States. This product is intended for research and forensic applications.

## Reference

1. Parr, M.K., Laudenbach-Leschowsky, U., Höfer, N., et al. Anabolic and androgenic activity of 19-norandrostenedione after oral and subcutaneous administration-analysis of side effects and metabolism. Toxicol. Lett. 188(2), 137-141 (2009).

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

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.

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.

Copyright Cayman Chemical Company, 06/28/2023

## **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