Androstenedione
Item No. 9001311

CAS Registry No.: 63-05-8
Formal Name: androst-4-ene-3,17-dione
Synonyms: 4-Androstene-3,17-dione, Fecundin, NSC 9563, SKF 2170
MF: C\textsubscript{19}H\textsubscript{26}O\textsubscript{2}
FW: 286.4
Purity: ≥98%
Supplied as: A neat solid
Storage: -20°C
Stability: ≥3 years

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

Description

Androstenedione is an analytical reference material that is categorized as an anabolic steroid. Androstenedione has androgenic activity, acting as a partial agonist of the androgen receptor (Kᵢ = 60-70 nM).\(^1\) It has been used in the production of steroids for oral contraceptives and anti-inflammatory agents as well as abused by athletes attempting to increase muscle mass.\(^2\) Androstenedione is regulated as a Schedule III compound in the United States. This product is intended for research and forensic applications.

This product is qualified as a Reference Material that has been manufactured and tested to ISO/IEC 17025 and ISO 17034 international standards.

References