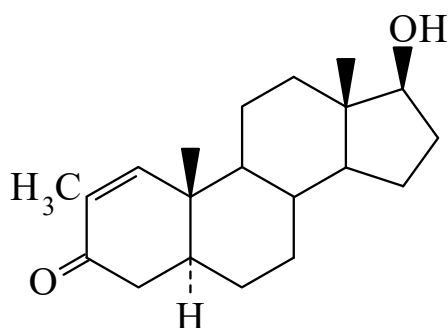




>>Entry Name: Stenbolone, INN

Synonym(s): 17-Hydroxy-2-methylandrosta-1-en-3-one, 9Cl, 8Cl



CAS Registry Number: 5197-58-0

Molecular Formula:  $C_{20}H_{30}O_2$

Molecular Weight: 302.456

Accurate Mass: 302.22458

Percentage Composition: C 79.42%; H 10.00%; O 10.58%

Use/Importance: Anabolic steroid

Physical Description: Cryst. (Me<sub>2</sub>CO/hexane)

Melting Point: Mp 155-158°

Optical Rotation:  $[\alpha]_D^{26} +52$  (CHCl<sub>3</sub>)

Calculated Log P Data: Log P 3.74 (uncertain value) (calc)

Other Data: Stereochem. is (5 $\alpha$ ,17 $\beta$ OH)

>>Derivative: Ac

Synonym(s): Stenbolone acetate, USAN. Anatrofin. RS 2106. S 3760

CAS Registry Number: 1242-56-4

Molecular Formula:  $C_{22}H_{32}O_3$

Molecular Weight: 344.493

Accurate Mass: 344.235145

Percentage Composition: C 76.70%; H 9.36%; O 13.93%

Use/Importance: Anabolic steroid

Physical Description: Cryst. (Me<sub>2</sub>CO/hexane)

Melting Point: Mp 146-149°

Optical Rotation:  $[\alpha]_D^{26} +60$  (CHCl<sub>3</sub>)

Calculated Log P Data: Log P 4.68 (uncertain value) (calc)

>>Derivative: 2,4-Dinitrophenylhydrazone

Physical Description: Cryst. (CHCl<sub>3</sub>/EtOH)

Melting Point: Mp 266-268°

#### References:

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