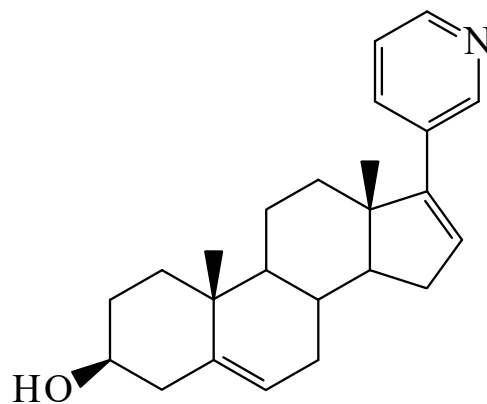




>>Entry Name: Abiraterone, BAN, INN

Synonym(s): 17-(3-Pyridinyl)androsta-5,16-dien-3-ol, 9Cl. CB 7598



CAS Registry Number: 154229-19-3

Molecular Formula: $C_{24}H_{31}NO$

Molecular Weight: 349.515

Accurate Mass: 349.240564

Percentage Composition: C 82.48%; H 8.94%; N 4.01%; O 4.58%

Use/Importance: Inhibitor of cytochrome P450. Inhibits androgen synth. particularly testosterone. Used in the treatment of hormone dependent prostatic cancers

Physical Description: Cryst. (toluene)

Melting Point: Mp 228-229°

>>Derivative: Ac

Synonym(s): CB 7630

CAS Registry Number: 154229-18-2

Molecular Formula: $C_{26}H_{33}NO_2$

Molecular Weight: 391.552

Accurate Mass: 391.251129

Percentage Composition: C 79.76%; H 8.49%; N 3.58%; O 8.17%

Physical Description: Cryst. (hexane)

Melting Point: Mp 144-145°

References:

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Barrie, S.E. et al., J. Steroid Biochem. Mol. Biol., 1994, **50**, 267, (pharmacol)

Potter, G.A. et al., Org. Prep. Proced. Int., 1997, **29**, 123, (Ac)