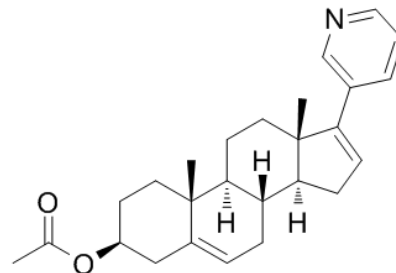


Product Name : Abiraterone acetate
Cat. No. : PC-45958
CAS No. : 154229-18-2
Molecular Formula : C₂₆H₃₃NO₂
Molecular Weight : 391.5457
Target : Cytochrome P450 (CYPs)
Solubility : 10 mM in DMSO



Biological Activity

Abiraterone acetate (CB-7598) is a potent and irreversible **CYP17A1** inhibitor with IC₅₀ of 4 nM for 17 α -hydroxylase. Abiraterone also acts as a partial antagonist of the AR, and as an inhibitor of the 3 β -HSD, CYP11B1, and other CYP450s (e.g., CYP1A2, CYP2C9, and CYP3A4). Abiraterone is highly active in the treatment of castration-resistant prostate cancer; prodrug of the active agent abiraterone and orally active.

References

- Jarman M, et al. J Med Chem. 1998 Dec 31;41(27):5375-81.
O'Donnell A, et al. Br J Cancer. 2004 Jun 14;90(12):2317-25.
Attard G, et al. J Clin Oncol. 2009 Aug 10;27(23):3742-8.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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