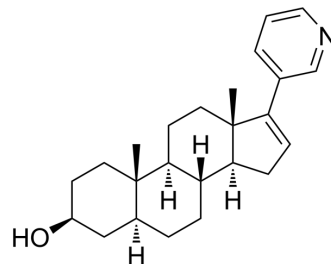


5,6-Dihydroabiraterone

Cat. No.:	HY-137193
CAS No.:	219843-75-1
Molecular Formula:	C ₂₄ H ₃₃ NO
Molecular Weight:	351.52
Target:	Drug Metabolite
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

5,6-Dihydroabiraterone is the metabolism of [Abiraterone](#) (HY-70013). Abiraterone is a potent and irreversible CYP17A1 inhibitor with antiandrogen activity, and shows antitumor activity in CRPC (castration-resistant prostate cancer)^{[1][2]}.

REFERENCES

[1]. Alyamani M, et al. Development and validation of a novel LC-MS/MS method for simultaneous determination of abiraterone and its seven steroidal metabolites in human serum: Innovation in separation of diastereoisomers without use of a chiral column. *J Steroid Biochem Mol Biol.* 2017 Sep;172:231-239.

[2]. Attard G, et al. Phase I clinical trial of a selective inhibitor of CYP17, abiraterone acetate, confirms that castration-resistant prostate cancer commonly remains hormone driven. *J Clin Oncol.* 2008 Oct 1;26(28):4563-71.

Caution: Product has not been fully validated for medical applications. For research use only.

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