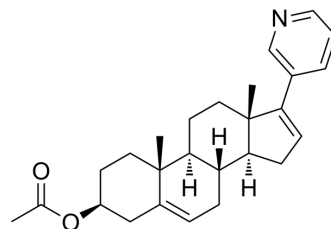


Abiraterone acetate (Standard)

Cat. No.:	HY-75054R
CAS No.:	154229-18-2
Molecular Formula:	C ₂₆ H ₃₃ NO ₂
Molecular Weight:	391.55
Target:	Cytochrome P450
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



SOLVENT & SOLUBILITY

In Vitro

DMSO : 10 mg/mL (25.54 mM; Need ultrasonic)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	2.5540 mL	12.7698 mL	25.5395 mL
	5 mM	0.5108 mL	2.5540 mL	5.1079 mL
	10 mM	0.2554 mL	1.2770 mL	2.5540 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

Abiraterone acetate (Standard) is the analytical standard of Abiraterone acetate. This product is intended for research and analytical applications. Abiraterone acetate (CB7630) is an oral, potent, selective, and irreversible inhibitor of CYP17A1 with antiandrogen activity. Abiraterone acetate is a proagent form of Abiraterone (CB7598).

IC₅₀ & Target

CYP17

CUSTOMER VALIDATION

- Cell Death Dis. 2022 Dec 12;13(12):1034.
- Cell Death Dis. 2021 Aug 12;12(8):787.
- Br J Cancer. 2017 Mar 28;116(7):937-943.
- JCI Insight. 2019 Sep 5;4(17):e122688.
- Cells. 2022, 11(3), 319.

See more customer validations on www.MedChemExpress.com

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA