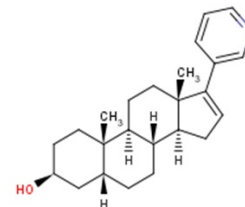


Abiraterone metabolite 1

Chemical Properties

CAS No.:	1940176-03-3
Formula:	C ₂₄ H ₃₃ NO
Molecular Weight:	351.52
Appearance:	N/A
Storage:	0-4°C for short term (days to weeks), or -20°C for long term (months).



Biological Description

Description	Abiraterone metabolite 1 is a 5β-reduced metabolite of abiraterone. Abiraterone inhibits CYP17A1, blocks androgen synthesis, and prolongs survival in prostate cancer.
Targets(IC ₅₀)	Others: None

Solubility Information

Solubility	DMSO: 25 mg/mL (71.12 mM) (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.845 mL	14.224 mL	28.448 mL
5 mM	0.569 mL	2.845 mL	5.69 mL
10 mM	0.284 mL	1.422 mL	2.845 mL
50 mM	0.057 mL	0.284 mL	0.569 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. The storage conditions and period of the stock solution: - 80 °C for 6 months; - 20 °C for 1 month. Please use it as soon as possible.

Reference

1. Li Z, et al. Redirecting abiraterone metabolism to fine-tune prostate cancer anti-androgen therapy. Nature. 2016 May 26;533(7604):547-51.

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Tel:781-999-4286

E-mail:info@targetmol.com

Address:36 Washington Street,Wellesley Hills,MA 02481