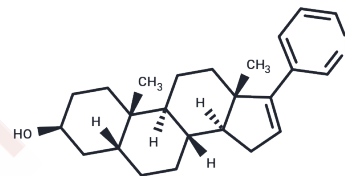


Abiraterone metabolite 1

Chemical Properties

CAS No. :	1940176-03-3
Formula:	C ₂₄ H ₃₃ NO
Molecular Weight:	351.52
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	Abiraterone Metabolite 1, a 5β-reduced derivative of abiraterone, acts by inhibiting CYP17A1, thereby blocking androgen synthesis and extending survival in prostate cancer patients.
Targets(IC50)	Others, Drug Metabolite

Solubility Information

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

	1mg	5mg	10mg
1 mM	2.8448 mL	14.2239 mL	28.4479 mL
5 mM	0.569 mL	2.8448 mL	5.6896 mL
10 mM	0.2845 mL	1.4224 mL	2.8448 mL
50 mM	0.0569 mL	0.2845 mL	0.569 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Reference

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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