

Product Data Sheet

Product Name: Abiraterone metabolite 1

Cat. No.: GC35219

Chemical Properties

Cas. No. 1940176-03-3

SMILES C[C@@]12C(C3=CN=CC=C3)=CC[C@]1([C@@]4(CC[C@@]5([H])[C@@](C)([C@]4(CC2)[H])CC[C@@H](C5)O)[H])[H]

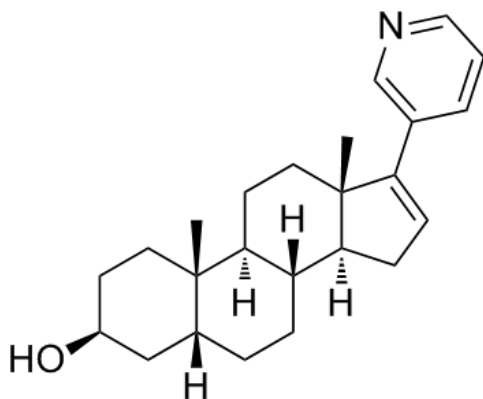
Formula $C_{24}H_{33}NO$ M.Wt 351.52

Solubility DMSO: ≥ 25 mg/mL (71.12 mM) Storage Store at $-20^{\circ}C$

General tips For obtaining a higher solubility, please warm the tube at $37^{\circ}C$ and shake it in the ultrasonic bath for a while. Stock solution can be stored below $-20^{\circ}C$ for several months.

Shipping Condition Evaluation sample solution: ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

Abiraterone metabolite 1 is a 5β -reduced metabolite of abiraterone. Abiraterone, a steroidal drug, inhibits CYP17A1, blocks androgen synthesis and prolongs survival in prostate cancer.

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

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

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