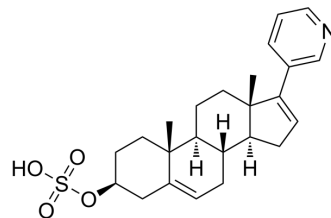


Abiraterone sulfate

| | | | |
|--------------------|---|-------|----------|
| Cat. No.: | HY-148375 | | |
| CAS No.: | 1993430-25-3 | | |
| Molecular Formula: | C ₂₄ H ₃₁ NO ₄ S | | |
| Molecular Weight: | 429.57 | | |
| Target: | Drug Metabolite | | |
| Pathway: | Metabolic Enzyme/Protease | | |
| Storage: | Powder | -20°C | 3 years |
| | | 4°C | 2 years |
| | In solvent | -80°C | 6 months |
| | | -20°C | 1 month |



SOLVENT & SOLUBILITY

In Vitro

DMSO : 12.5 mg/mL (29.10 mM; ultrasonic and warming and heat to 80°C)

| Concentration | Mass | | |
|---------------|-----------|------------|------------|
| | 1 mg | 5 mg | 10 mg |
| 1 mM | 2.3279 mL | 11.6395 mL | 23.2791 mL |
| 5 mM | 0.4656 mL | 2.3279 mL | 4.6558 mL |
| 10 mM | 0.2328 mL | 1.1640 mL | 2.3279 mL |

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

BIOLOGICAL ACTIVITY

Description

Abiraterone sulfate is a metabolite of [Abiraterone](#) (HY-148377). Abiraterone is a potent and irreversible CYP17A1 inhibitor with antiandrogen activity^[1].

REFERENCES

[1]. Hu Y, Huang J, et al. Simultaneous determination of abiraterone and its five metabolites in human plasma by LC-MS/MS: Application to pharmacokinetic study in healthy Chinese subjects. J Pharm Biomed Anal. 2022 Aug 5;217:114826.

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

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