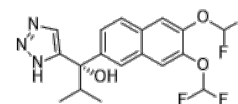


Product Name : Seviteronel
Cat. No. : PC-25060
CAS No. : 1610537-15-9
Molecular Formula : C₁₈H₁₇F₄N₃O₃
Molecular Weight : 399.35
Target : Cytochrome P450 (CYPs)
Solubility : 10 mM in DMSO



CAS: 1610537-15-9

Biological Activity

Seviteronel (VT-464) is a potent, selective and oral inhibitor of **CYP17A1** inhibitor with 17,20-lyase IC₅₀ of 69 nM, 10-fold selective over 17 α -hydroxylase.

Seviteronel (VT-464) demonstrated a greater decrease in AR transactivation compared with abiraterone (ABI).

Seviteronel (VT-464) suppressed the AR axis to a greater extent compared with ABI.

Seviteronel (VT-464) reduced AR signaling more effectively than abiraterone in cultured PCa cells expressing T877A AR mutant.

Seviteronel (VT-464) reduced the increase in tumor volume in castrate male mice of CRPC patient-derived xenograft, MDA-PCa-133 expressing H874Y AR mutant.

References

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Toren PJ, et al. *Mol Cancer Ther*. 2015 Jan;14(1):59-69.

Maity SN, et al. *Sci Rep*. 2016 Oct 17;6:35354. doi: 10.1038/srep35354.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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