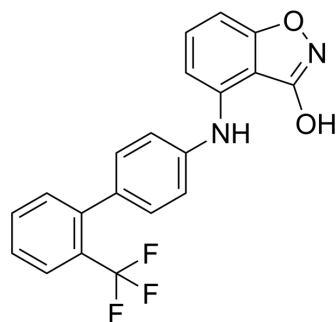


AKR1C3-IN-11

Cat. No.:	HY-157810
Molecular Formula:	C ₂₀ H ₁₃ F ₃ N ₂ O ₂
Molecular Weight:	370.32
Target:	Aldose Reductase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AKR1C3-IN-11 (Compound 6e) is a Aldo-keto reductase 1C3 (AKR1C3) inhibitor with an IC₅₀ of 2.0 μM. AKR1C3-IN-11 inhibit cell proliferation in combination with abiraterone (HY-70013). AKR1C3-IN-11 can be used for the research of prostate cancer [1].

REFERENCES

[1]. Pippione AC, et al. Structure-guided optimization of 3-hydroxybenzoisoxazole derivatives as inhibitors of Aldo-keto reductase 1C3 (AKR1C3) to target prostate cancer. *Eur J Med Chem.* 2024 Feb 7;268:116193.

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

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