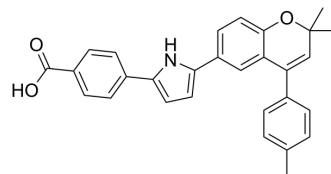


YCT529 free acid

Cat. No.:	HY-153122
CAS No.:	2863670-66-8
Molecular Formula:	C ₂₉ H ₂₅ NO ₃
Molecular Weight:	435.51
Target:	RAR/RXR
Pathway:	Metabolic Enzyme/Protease; Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	YCT529 free acid is a potent, selective and orally active RAR- α inhibitor ^[1] .
IC ₅₀ & Target	RAR- α ^[1]
In Vivo	When given orally to male mice for 4 weeks, YCT529 dramatically reduces sperm counts and is 99% effective in preventing pregnancy, without any observable side effects. The mice could father pups again 4-6 weeks after they stopped receiving the compound ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. American Chemical Society. 2022.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA