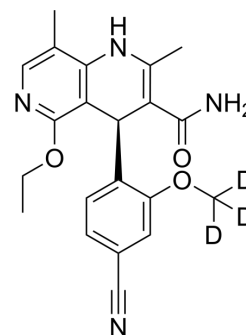


Finerenone-d₃

Cat. No.:	HY-111372S
CAS No.:	2917530-37-9
Molecular Formula:	C ₂₁ H ₁₉ D ₃ N ₄ O ₃
Molecular Weight:	381.44
Target:	Mineralocorticoid Receptor
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

Finerenone-d₃ is the deuterium labeled finerenone (HY-111372). Finerenone is a third-generation, selective, and orally available nonsteroidal mineralocorticoid receptor (MR) antagonist (IC₅₀=18 nM). Finerenone displays excellent selectivity versus glucocorticoid receptor (GR), androgen receptor (AR), and progesterone receptor (>500-fold). Finerenone has the potential for cardiorenal diseases research, such as type 2 diabetes mellitus and chronic kidney disease^{[1][2]}.

REFERENCES

[1]. Bärfacker L, et al. Discovery of BAY 94-8862: a nonsteroidal antagonist of the mineralocorticoid receptor for the treatment of cardiorenal diseases. *ChemMedChem*. 2012;7(8):1385-1403.

[2]. González-Blázquez R, et al. Finerenone Attenuates Endothelial Dysfunction and Albuminuria in a Chronic Kidney Disease Model by a Reduction in Oxidative Stress. *Front Pharmacol*. 2018;9:1131. Published 2018 Oct 9.

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

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