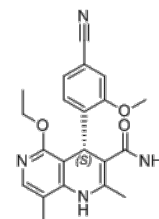


Product Name : Finerenone
Cat. No. : PC-63433
CAS No. : 1050477-31-0
Molecular Formula : C₂₁H₂₂N₄O₃
Molecular Weight : 378.432
Target : Mineralocorticoid Receptor (MLR)
Solubility : 10 mM in DMSO



Biological Activity

Finerenone (BAY 94-8862) is a potent, selective, orally available **mineralocorticoid receptor** (MR) antagonist with IC₅₀ of 18 nM.

Finerenone (BAY 94-8862) displays excellent selectivity (>500-fold) versus GR, AR, and PR, also shows no L type Ca²⁺ channel activity.

Finerenone (BAY 94-8862) elicits a significant and dose-dependent increase in the urinary sodium/potassium ratio in vivo, with a MED of 0.3 mg kg⁻¹ p.o.

Finerenone (BAY 94-8862) exhibits three- to tenfold greater potency and higher efficacy in acute rat natriuresis model compared with eplerenone, demonstrates potential for the treatment of chronic heart failure (CHF).

References

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Filippatos G, et al. *Eur Heart J*. 2016 Jul 14;37(27):2105-14.

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

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