

Product Datasheet

Vicadrostat

Catalog No. **BP-01940** · CAS **1868065-21-7** · Form **free base** · Physical state **solid** · Color **white to off-white** · Version **1.0** · Revision **2026-09-03**

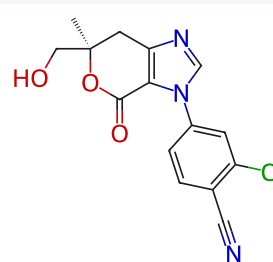
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Target Mineralocorticoid Receptor	Research area Cardiovascular Disease; Metabolic Disease
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Molecular formula **C₁₅H₁₂ClN₃O₃**

Molecular weight **317.7270**

STRUCTURE



DESCRIPTION

Vicadrostat is an aldosterone synthase inhibitor (IC₅₀=48 nM). Vicadrostat can be used for research in kidney diseases and cardiovascular diseases.

BIOLOGICAL ACTIVITY

In Vivo

Vicadrostat (0.05-0.1 mg/kg; p.o.; twice daily for 5 days; once daily for 5 days) with once daily dosing of 0.1 mg/kg sustains aldosterone lowering effect over 5 days, whereas twice daily dosing induces counteractive aldosterone synthesis leading to loss of effect on daily aldosterone levels in macaca fascicularis.

SOLUBILITY

soluble in DMSO

REFERENCES

[1]. Jennifer Burke, et al. Aldosterone synthase inhibitors.WO2016014736.2018-09-07

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