

Product Datasheet

Ziresovir

Catalog No. **BP-00892** · CAS **1422500-60-4** · Form **free base** · Physical state **solid** · Color **White to off-white** · Version **1.0** · Revision **2026-09-04**

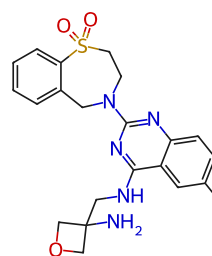
FOR RESEARCH USE ONLY. NOT FOR HUMAN OR VETERINARY USE.

Target RSV	Research area Infection
----------------------	-----------------------------------

Molecular formula **C₂₂H₂₅N₅O₃S**

Molecular weight **439.5310**

STRUCTURE



DESCRIPTION

Ziresovir (AK0529;RO-0529) is a potent, selective, and orally bioavailable respiratory syncytial virus (RSV) fusion (F) protein (RSV F) protein inhibitor. Ziresovir shows anti-RSV activity (EC₅₀=3 nM) and highlights pharmacokinetics in animal species .

BIOLOGICAL ACTIVITY

Ziresovir (AK0529;RO-0529) is a potent, selective, and orally bioavailable respiratory syncytial virus (RSV) fusion (F) protein (RSV F) protein inhibitor. Ziresovir shows anti-RSV activity (EC₅₀=3 nM) and highlights pharmacokinetics in animal species.

SOLUBILITY

Soluble in DMSO

In vitro DMSO : 125 mg/mL

REFERENCES

[1]. Zheng X, et al. Discovery of Ziresovir as a Potent, Selective, and Orally Bioavailable Respiratory Syncytial Virus Fusion Protein Inhibitor. J Med Chem. 2019 Jul 11;62(13):6003-6014.