Product Datasheet

MT-4129

Catalog No. **BP-02162** · CAS **1820940-17-7** · Form **free base** · Physical state **other** · Color **light yellow to yellow** · Version **1.0** · Revision **2026-09-04**

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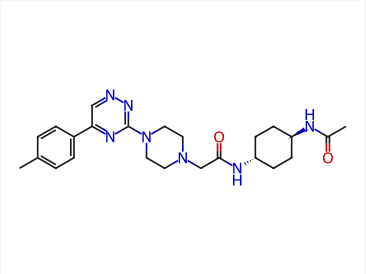
Target	Research area
Cytochrome P450	**Cardiovascular Disease**

Molecular formula	$C_{24}H_{33}N_7O_2$
Molecular weight	**451.5645**

STRUCTURE



DESCRIPTION

Lorundrostat (MT-4129) is an orally active aldosterone synthase inhibitor. Lorundrostat can be used in studies of high blood pressure.

BIOLOGICAL ACTIVITY

In Vitro

Lorundrostat selectively inhibits human CYP11B2 (IC50 = 9 nM), reduces plasma aldosterone and systolic blood pressure, and can be used in research of obesity- or renin-induced hypertension.

SOLUBILITY

Soluble in DMSO : 33.33 mg/mL

REFERENCES

[1]. International Nonproprietary Names for Pharmaceutical Substances (INN). WHO Drug Information, Vol. 36, No. 2, 2022.

[2]. Laffin LJ, et al. Aldosterone Synthase Inhibition With Lorundrostat for Uncontrolled Hypertension: The Target-HTN Randomized Clinical Trial. JAMA. 2023 Sep 26;330(12):1140-1150

[3]. Hideki K, et al., Novel disubstituted 1,2,4-triazine compounds. WO2015163427.