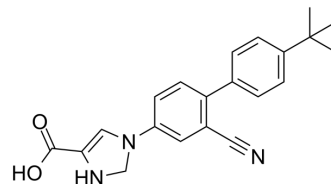


Xanthine oxidoreductase-IN-2

Cat. No.:	HY-146297
CAS No.:	2396612-45-4
Molecular Formula:	C ₂₁ H ₂₁ N ₃ O ₂
Molecular Weight:	347.41
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Xanthine oxidoreductase-IN-2 (Compound IVa) is a xanthine oxidoreductase (XOR) inhibitor with the IC₅₀ of 7.2 nM. Xanthine oxidoreductase-IN-2 shows hypouricemic effects in mice^[1].

REFERENCES

[1]. Haiyan Zhou, et al. Synthesis and bioevaluation of 1-phenylimidazole-4-carboxylic acid derivatives as novel xanthine oxidoreductase inhibitors. *Eur J Med Chem.* 2020 Jan 15;186:111883.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA