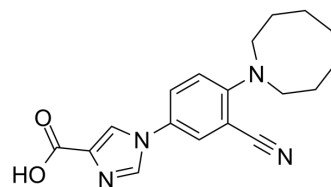


## Xanthine oxidoreductase-IN-1

Cat. No.:	HY-146296
CAS No.:	2396612-00-1
Molecular Formula:	C <sub>18</sub> H <sub>20</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	324.38
Target:	Xanthine Oxidase
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

The compound is a xanthine oxidoreductase (XOR) inhibitor with high inhibitory concentration, and the value of  $ic_{50}$  is 7.0 nm.

### REFERENCES

[1]. Zhou H, 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.**

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