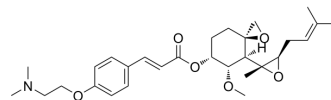


## Beloranib

Cat. No.:	HY-14811
CAS No.:	251111-30-5
Molecular Formula:	C <sub>29</sub> H <sub>41</sub> NO <sub>6</sub>
Molecular Weight:	499.64
Target:	MetAP
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

**Description** Beloranib is a fumagillin-class methionine aminopeptidase-2 (MetAP2) inhibitor. Beloranib decreases food intake, body weight, fat mass, and the size of adipocytes.

### REFERENCES

- [1]. Lee HS, Choi WK, Son HJ, et al. Absorption, distribution, metabolism, and excretion of CKD-732, a novel antiangiogenic fumagillin derivative, in rats, mice, and dogs. Arch Pharm Res. 2004;27(2):265-272.
- [2]. Elfers CT, Roth CL. Robust Reductions of Excess Weight and Hyperphagia by Beloranib in Rat Models of Genetic and Hypothalamic Obesity. Endocrinology. 2017;158(1):41-55.
- [3]. Kim YM, An JJ, Jin YJ, et al. Assessment of the anti-obesity effects of the TNP-470 analog, CKD-732. J Mol Endocrinol. 2007;38(4):455-465.
- [4]. Kim EJ, Shin WH. General pharmacology of CKD-732, a new anticancer agent: effects on central nervous, cardiovascular, and respiratory system. Biol Pharm Bull. 2005;28(2):217-223.

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

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