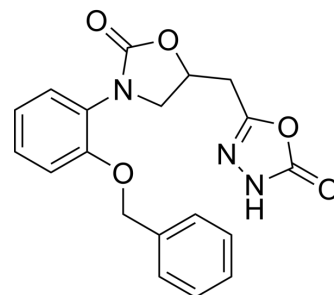


## Urease-IN-13

Cat. No.:	HY-163404
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> N <sub>3</sub> O <sub>5</sub>
Molecular Weight:	367.36
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

<b>Description</b>	Urease-IN-13 (compound d8) is an inhibitor of urease with an IC <sub>50</sub> value of 1.21 μM. Urease-IN-13 has been studied in the context of infectious gastritis and gastric ulcers <sup>[1]</sup> .
<b>In Vitro</b>	Urease-IN-13 (250 μg/mL) exhibits low cytotoxicity in HepG2, SGC-7901, K562, and L-02 cells, with survival rates exceeding 87% for all these cell lines <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wang YN, et al. Synthesis and biological evaluation of triazolones/oxadiazolones as novel urease inhibitors. *Bioorg Med Chem.* 2024;102:117656.

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

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