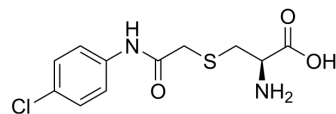


Urease-IN-12

Cat. No.:	HY-162149
Molecular Formula:	C ₁₁ H ₁₃ ClN ₂ O ₃ S
Molecular Weight:	288.75
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Urease-IN-12 (compound 5e) is a competitive urease inhibitor (IC ₅₀ : 0.35 μM) with the potential to inhibit gastritis and peptic ulcer caused by <i>Helicobacter pylori</i> ^[1] .
IC ₅₀ & Target	0.35 μM (Urease) ^[1]

REFERENCES

[1]. Montazer MN, et al. Design, synthesis, and biological studies of the new cysteine-N-arylacetamide derivatives as a potent urease inhibitor. *Naunyn Schmiedebergs Arch Pharmacol.* 2024 Jan;397(1):305-315.

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

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