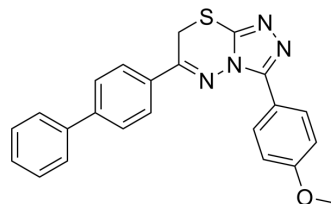


Urease-IN-8

Cat. No.:	HY-155973
CAS No.:	517906-16-0
Molecular Formula:	C ₂₃ H ₁₈ N ₄ OS
Molecular Weight:	398.48
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Urease-IN-8 (Compound 5e) is a competitive Urease inhibitor (IC ₅₀ : 3.51 μM, K _i : 3.11 μM). Urease-IN-8 can be used for research of peptic and gastric ulcers ^[1] .
IC ₅₀ & Target	3.51 μM (Urease) ^[1]

REFERENCES

[1]. Jalal Uddin, et al. Triazolothiadiazoles and Triazolothiadiazines as New and Potent Urease Inhibitors: Insights from In Vitro Assay, Kinetics Data, and In Silico Assessment. ACS Omega 2023, 8, 35, 31890-31898.

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

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