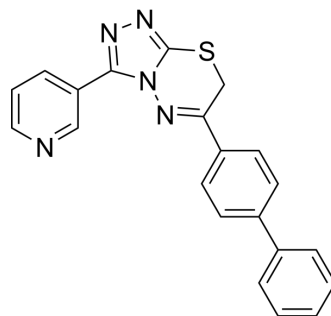


Urease-IN-11

Cat. No.:	HY-162139
CAS No.:	517906-12-6
Molecular Formula:	C ₂₁ H ₁₅ N ₅ S
Molecular Weight:	369.44
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Urease-IN-11 (Compound 6e) is a competitive urease inhibitor (IC ₅₀)=10.41 μM). Urease-IN-11 can be used to study diseases such as urease-related gastritis and peptic ulcer ^[1] .
IC ₅₀ & Target	Urease ^[1] .

REFERENCES

[1]. Ullah S, et al. Urease inhibitory potential of pyridine-containing triazolothiadiazole and triazolothiadiazine scaffolds for the treatment of ulceration and kidney stone: in vitro screening, kinetics mechanism, and in silico computational analysis. J Biomol Struct Dyn. 2023 Dec 28:1-10.

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

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