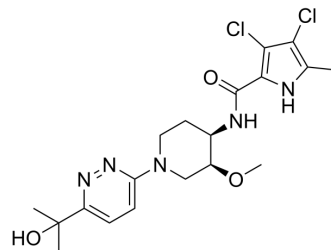


## Antibacterial agent 169

Cat. No.:	HY-163104
CAS No.:	2879255-03-3
Molecular Formula:	C <sub>19</sub> H <sub>25</sub> Cl <sub>2</sub> N <sub>3</sub> O <sub>3</sub>
Molecular Weight:	442.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 169 (Compound 28) is a pyrrolamide-type GyrB/ParE inhibitor with antibacterial activity. Antibacterial agent 169 has an inhibitory effect on Gyrase and Topo IV of *Staphylococcus aureus*, with IC<sub>50</sub> values of 49 nmol/L and 1.513 μmol/L respectively<sup>[1]</sup>.

### REFERENCES

[1]. Zhao X, et al. Discovery and druggability evaluation of pyrrolamide-type GyrB/ParE inhibitor against drug-resistant bacterial infection. *Acta Pharm Sin B*. 2023 Dec;13(12):4945-4962.

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

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