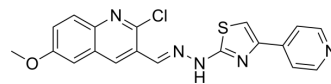


## Antibacterial agent 133

Cat. No.:	HY-152252
Molecular Formula:	C <sub>19</sub> H <sub>14</sub> ClN <sub>5</sub> OS
Molecular Weight:	395.87
Target:	Bacterial; Fungal
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 133 (4l) is an antimicrobial agent that has shown anti-Candida activity, particularly through LMD enzyme inhibition. Antibacterial agent 133 shows MIC<sub>90</sub> values of 1.95 µg/mL against *Candida albicans* ATCC 24433, *Candida smoothis* ATCC 90030 and *Candida subtilis* ATCC 22019<sup>[1]</sup>.

### REFERENCES

[1]. Asaf Evrim Evren, et al. Investigation of Novel Quinoline-Thiazole Derivatives as Antimicrobial Agents: In Vitro and In Silico Approaches. ACS Omega. 2022 Dec 29;8(1):1410-1429.

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

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