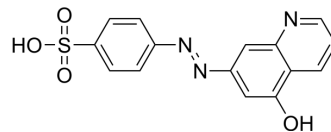


## Antibacterial agent 165

Cat. No.:	HY-157142
Molecular Formula:	C <sub>15</sub> H <sub>11</sub> N <sub>3</sub> O <sub>4</sub> S
Molecular Weight:	329.33
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 165 (compound 3), a hydroxyquinoline derivative, is a potent bacterial inhibitor. Antibacterial agent 165 inhibits methicillin-resistant *Staphylococcus aureus* (MRSA)<sup>[1]</sup>.

### REFERENCES

[1]. Faiza Riaz, et al. Evaluation of potential bacterial protease inhibitor properties of selected hydroxyquinoline derivatives: an in silico docking and molecular dynamics simulation approach. *J Biomol Struct Dyn*. 2023 Nov;41(19):9756-9769.

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

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