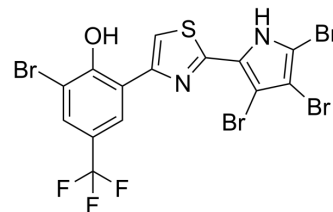


## Antibacterial agent 182

Cat. No.:	HY-161263
Molecular Formula:	C <sub>14</sub> H <sub>5</sub> Br <sub>4</sub> F <sub>3</sub> N <sub>2</sub> OS
Molecular Weight:	625.88
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 182 (compound 8c) is an antibacterial agent that shows antibacterial activity against various Gram-positive bacteria, particularly against Vancomycin-resistant *Enterococcus faecalis* (MIC ≤0.125 µg/mL). Antibacterial agent 182 inhibits biofilm formation of *Staphylococcus aureus* and *Pseudomonas aeruginosa* at sub-MIC doses<sup>[1]</sup>.

### REFERENCES

[1]. Yuanchen Zhong, et al. Design, synthesis and biological evaluation of thiazolyl-halogenated pyrroles or pyrazoles as novel antibacterial and antibiofilm agents. *Eur J Med Chem.* 2024 Feb 15;268:116221.

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

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