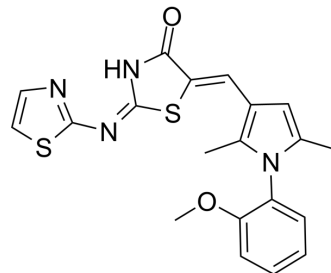


## Anti-infective agent 8

Cat. No.:	HY-161069
Molecular Formula:	C <sub>20</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub> S <sub>2</sub>
Molecular Weight:	410.51
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	Anti-infective agent 8 (compound 9d) is an antibacterial agent with an MIC of 0.5 µg/mL against <i>Staphylococcus aureus</i> and <i>Mycobacterium tuberculosis</i> H37Rv. Anti-infective agent 8 has anti-biofilm activity and significantly reduces <i>Staphylococcus aureus</i> biofilm formation <sup>[1]</sup> .
IC <sub>50</sub> & Target	ESKAP bacteria, Mycobacterial pathogen <sup>[1]</sup>

### REFERENCES

[1]. Ahmed S, et al. Pyrrole-thiazolidinone hybrids as a new structural class of broad-spectrum anti-infectives. *Eur J Med Chem.* 2023 Nov 15;260:115757.

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

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