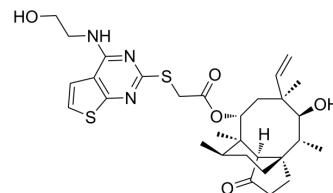


## Antibacterial agent 86

Cat. No.:	HY-146503
Molecular Formula:	C <sub>30</sub> H <sub>41</sub> N <sub>3</sub> O <sub>5</sub> S <sub>2</sub>
Molecular Weight:	587.79
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antibacterial agent 86 (Compound A11) is the most active and displays bacteriostatic activities against methicillin-resistant *S. aureus*, with MIC values as low as 0.00191 µg/mL, which is 162 and 32 times lower than that of the marketed antibiotics tiamulin and retapamulin, respectively<sup>[1]</sup>.

### REFERENCES

[1]. Ding R, et al. Design, synthesis and antibacterial activity of novel pleuromutilin derivatives with thieno[2,3-d]pyrimidine substitution. *Eur J Med Chem.* 2022 Jul 5;237:114398

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA