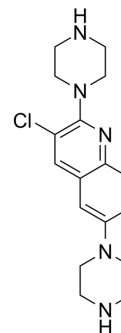


## BDM91288

Cat. No.:	HY-162144
CAS No.:	2892824-53-0
Molecular Formula:	C <sub>17</sub> H <sub>22</sub> ClN <sub>5</sub>
Molecular Weight:	331.84
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

BDM91288 is an orally active AcrB efflux pump inhibitor of pyridinium piperazine. BDM91288 can enhance the in vivo efficacy of levofloxacin (HY-B0330) in the treatment of *Klebsiella pneumoniae* pulmonary infection in mouse models<sup>[1]</sup>.

### REFERENCES

[1]. Vieira Da Cruz A, et al. Pyridylpiperazine efflux pump inhibitor boosts in vivo antibiotic efficacy against *K. pneumoniae*. *EMBO Mol Med.* 2024 Jan;16(1):93-111.

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

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