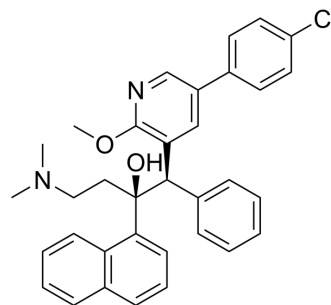


## WX-081

Cat. No.:	HY-146158
CAS No.:	1859978-72-5
Molecular Formula:	C <sub>34</sub> H <sub>33</sub> ClN <sub>2</sub> O <sub>2</sub>
Molecular Weight:	537.09
Target:	Bacterial; Potassium Channel; Antibiotic
Pathway:	Anti-infection; Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

WX-081, an anti-tuberculosis agent, displays excellent anti-mycobacterial activity against *M. tuberculosis* H37Rv and low cytotoxicity. WX-081 exhibits potent activity with MIC<sub>50</sub>s of 0.083 and 0.11 µg/mL for agent susceptible tuberculosis (DS-TB) and multidrug resistant tuberculosis (MDR-TB) strains. WX-081 also inhibits hERG channel with the IC<sub>50</sub> of 1.89 µM.

## REFERENCES

[1]. Zhigang Huang, et al. Discovery and preclinical profile of sudapyridine (WX-081), a novel anti-tuberculosis agent. *Bioorg Med Chem Lett.* 2022 Sep 1;71:128824.

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

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