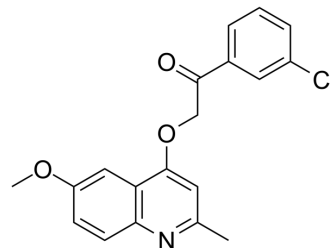


## Antibacterial agent 95

Cat. No.:	HY-146373
CAS No.:	2413006-48-9
Molecular Formula:	C <sub>19</sub> H <sub>16</sub> ClNO <sub>3</sub>
Molecular Weight:	341.79
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

The minimum inhibitory concentration (MIC) of a new 2-(quinoline-4-methoxy) acetamide antituberculosic agent against the reference strain of Mycobacterium tuberculosis H37Rv was as low as 0.3 μ M. It also inhibited the growth of Mycobacterium tuberculosis in the macrophage model of tuberculosis infection.

### REFERENCES

[1]. Borsoi AF, et al. Design, synthesis, and evaluation of new 2-(quinoline-4-yloxy)acetamide-based antituberculosis agents. Eur J Med Chem. 2020 Apr 15;192:112179.

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

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