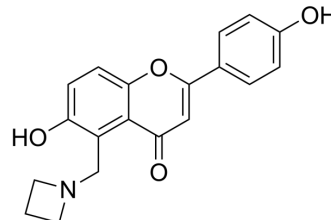


## Antituberculosis agent-2

Cat. No.:	HY-146057
CAS No.:	2411741-01-8
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> NO <sub>4</sub>
Molecular Weight:	323.34
Target:	Bacterial
Pathway:	Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

Antituberculosis agent-2 (Compound 8d) is an antituberculosis agent against agent-sensitive and multidrug-resistant tuberculosis. Antituberculosis agent-2 shows anti-tuberculosis activity with MIC values of 0.454, 1.757 and 1.644 µg/mL against *M. tuberculosis* H<sub>37</sub>R<sub>v</sub>, 13946 and 14862, respectively. Antituberculosis agent-2 displays favorable mouse and human microsomal stability, low cytotoxicity, and acceptable oral bioavailability<sup>[1]</sup>.

### REFERENCES

[1]. Zhao W, et al. Design, synthesis, and biological evaluation of novel 4H-chromen-4-one derivatives as antituberculosis agents against multidrug-resistant tuberculosis. *Eur J Med Chem.* 2020 Mar 1;189:112075.

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

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