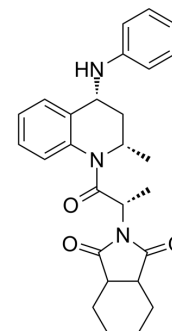


## XJ02862-S2

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-149971   |
| CAS No.:           | 3023355-55-4  |
| Molecular Formula: | C <sub>27</sub> H <sub>31</sub> N <sub>3</sub> O <sub>3</sub>                             |
| Molecular Weight:  | 445.55  |
| Target:            | FXR   |
| Pathway:           | Metabolic Enzyme/Protease   |
| Storage:           | Please store the product under the recommended conditions in the Certificate of Analysis. |



### BIOLOGICAL ACTIVITY

|             |   |
|-------------|---|
| Description | XJ02862-S2 shows potent FXR agonistic activity. XJ02862-S2 is a promising lead compound for the research of NAFLD <sup>[1]</sup> .  |
| In Vivo     | XJ02862-S2 could ameliorate hypercholesterolemia, hepatic steatosis, hyperglycemia, insulin resistance (IR) in high-fat-diet induced obese (DIO) mice <sup>[1]</sup> .<br>MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

### REFERENCES

[1]. Tong Qin, et al. Machine learning- and structure-based discovery of a novel chemotype as FXR agonists for potential treatment of nonalcoholic fatty liver disease. Eur J Med Chem. 2023 Apr 5;252:115307.

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

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