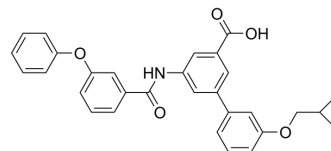


FABP1-IN-1

| | |
|--------------------|---|
| Cat. No.: | HY-158127 |
| Molecular Formula: | C ₃₀ H ₂₅ NO ₅ |
| Molecular Weight: | 479.52 |
| Target: | FABP |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | FABP1-IN-1 (44) is a selective FABP1 inhibitor, with an IC ₅₀ of 4.46 μM. FABP1-IN-1 (44) can be used for the research of NASH [1]. |
| IC ₅₀ & Target | IC ₅₀ : 4.46 μM (FABP1), >30 μM (FABP3), >15 μM (FABP4) ^[1] . |
| In Vivo | FABP1-IN-1 (44) alleviates the typical histological features of fatty liver in NASH mice, including steatosis, lobular inflammation, ballooning and fibrosis ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only. |

REFERENCES

[1]. Ya Chen, et al. Design, synthesis, and biological evaluation of first-in-class FABP1 inhibitors for the treatment of NASH. Eur J Med Chem. 2024 Apr 15:270:116358.

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

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