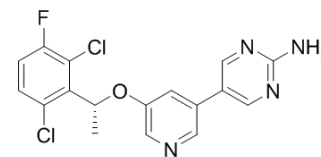


SHIP2-IN-1

| | |
|--------------------|---|
| Cat. No.: | HY-112700 |
| CAS No.: | 2252247-80-4 |
| Molecular Formula: | C ₁₇ H ₁₃ Cl ₂ FN ₄ O |
| Molecular Weight: | 379.22 |
| Target: | Phosphatase |
| Pathway: | Metabolic Enzyme/Protease |
| Storage: | Please store the product under the recommended conditions in the COA. |



BIOLOGICAL ACTIVITY

| | |
|---------------------------|--|
| Description | SHIP2-IN-1 is a potent SHIP2 inhibitor, inhibits SHIP2 activity, with an IC ₅₀ of 2 μM. SHIP2-IN-1 blocks GSK3β activation by phosphorylation at the Ser9 residue. SHIP2-IN-1 is used in the research of Alzheimer's disease ^[1] . |
| IC ₅₀ & Target | IC ₅₀ : 2 μM (SHIP2) ^[1] |
| In Vitro | SHIP2-IN-1 (Compound 43; 10 μM) significantly inhibits PI(3,4)P2 production in HT22 cells ^[1] . |

REFERENCES

[1]. Lim JW, et al. Identification of crizotinib derivatives as potent SHIP2 inhibitors for the treatment of Alzheimer's disease. Eur J Med Chem. 2018 Sep 5;157:405-422.

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

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