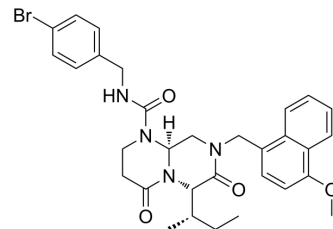


ZG36

| | |
|--------------------|---|
| Cat. No.: | HY-155556 |
| Molecular Formula: | C ₃₁ H ₃₅ BrN ₄ O ₄ |
| Molecular Weight: | 607.54 |
| Target: | Biochemical Assay Reagents; ClpP |
| Pathway: | Others; Cell Cycle/DNA Damage |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |



BIOLOGICAL ACTIVITY

Description

ZG36 is a human Caseinolytic protease P (ClpP) agonist. ZG36 non-selectively degrades respiratory chain complexes and reduces mitochondrial DNA, ultimately leading to mitochondrial dysfunction and leukemic cell death. ZG36 also inhibits the development of acute myeloid leukemia in a xenograft mouse model^[1].

REFERENCES

[1]. Zhang R, et al. Assessment of the structure-activity relationship and antileukemic activity of diacylpyrimidine compounds as human ClpP agonists. *Eur J Med Chem.* 2023 Oct 5;258:115577.

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

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