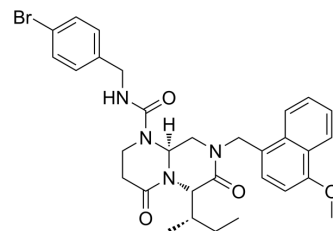


ZG36

Cat. No.:	HY-155556
CAS No.:	2999673-34-4
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 diacylpyramide 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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