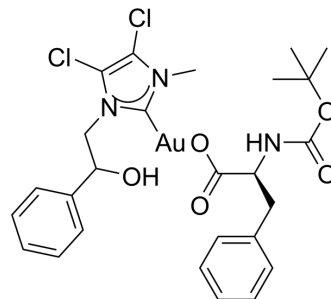


AuM1Phe

Cat. No.:	HY-156403
Molecular Formula:	C ₂₆ H ₃₀ AuCl ₂ N ₃ O ₅
Molecular Weight:	732.4
Target:	Topoisomerase
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

AuM1Phe, an N-Heterocyclic carbene (NHC) metal complex, blocks the human topoisomerase I activity and actin polymerization reaction. AuM1Phe affects the growth of MDA-MB-231 breast cancer cells, with an IC₅₀ value of 1.2 μM^[1].

REFERENCES

[1]. Domenico Iacopetta, et al. NHC-Ag(I) and NHC-Au(I) Complexes with N-Boc-Protected α-Amino Acidate Counterions Powerfully Affect the Growth of MDA-MB-231 Cells. ACS Med. Chem. Lett. 2023.

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

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