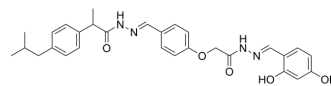


Antiproliferative agent-46

Cat. No.:	HY-162078
Molecular Formula:	C ₂₉ H ₃₂ N ₄ O ₅
Molecular Weight:	516.59
Target:	Casein Kinase
Pathway:	Cell Cycle/DNA Damage; Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Antiproliferative agent-46 (compound 5e) is an inhibitor of the casein kinase-2 enzyme (CK2) receptor. Antiproliferative agent-46 has a potent antiproliferative activity with an IC₅₀ value of 5.75 μM on the U87 cell line^[1].

REFERENCES

[1]. Muhammad Ayaz, et al. Biooriented Synthesis of Ibuprofen-Clubbed Novel Bis-Schiff Base Derivatives as Potential Hits for Malignant Glioma: In Vitro Anticancer Activity and In Silico Approach. ACS Omega, 2023, 8, 51.

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

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