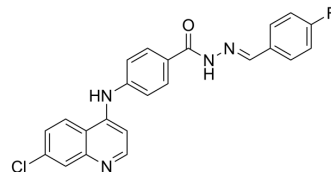


Eg5-IN-1

Cat. No.:	HY-155134
Molecular Formula:	C ₂₃ H ₁₆ ClFN ₄ O
Molecular Weight:	418.85
Target:	Kinesin
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Eg5-IN-1 (compound 6c) is a potent kinesin family motor protein (Eg5) inhibitor with an IC₅₀ value of 1.97 μM. Eg5-IN-1 can be used in research of cancer^[1].

REFERENCES

[1]. Ranade SD, et, al. Design, synthesis, molecular dynamics simulation, MM/GBSA studies and kinesin spindle protein inhibitory evaluation of some 4-aminoquinoline hybrids. *Comput Biol Chem.* 2023 Aug;105:107881.

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

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