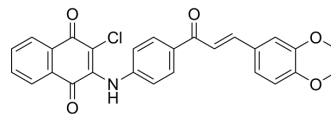


FGFR1 inhibitor-9

Cat. No.:	HY-149488
Molecular Formula:	C ₂₇ H ₂₀ ClNO ₅
Molecular Weight:	473.9
Target:	FGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	FGFR1 inhibitor-9 (Compound 7) is an FGFR1 inhibitor (IC ₅₀ : 0.85 nM). FGFR1 inhibitor-9 binds to the ATP-binding pocket of FGFR1. FGFR1 inhibitor-9 has anticancer activity ^[1] .
IC ₅₀ & Target	0.85 nM (FGFR1) ^[1]

REFERENCES

[1]. Ronnakorn Leechaisit, et al. Discovery of Novel Naphthoquinone-halcone Hybrids as Potent FGFR1 Tyrosine Kinase Inhibitors: Synthesis, Biological Evaluation, and Molecular Modeling. ACS Omega 2023.

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

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