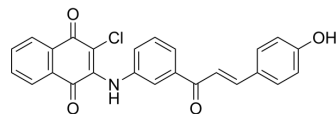


FGFR1 inhibitor 7

Cat. No.:	HY-149486
Molecular Formula:	C ₂₅ H ₁₆ ClNO ₄
Molecular Weight:	429.85
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 7 (compound 5) is an inhibitor of FGFR1 Tyrosine Kinase with IC ₅₀ value of 0.33 nM. FGFR1 inhibitor 7 shows broad-spectrum cytotoxicity against human cancer cell lines, and inhibits MOLT3 cells with IC ₅₀ of 2.1 μM ^[1] .
IC ₅₀ & Target	FGFR1 ^[1]

REFERENCES

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

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA