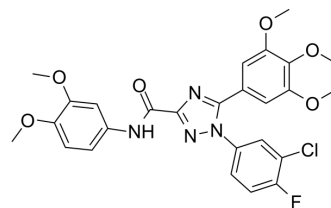


VEGFR-2-IN-22

Cat. No.:	HY-147872
CAS No.:	2447587-73-5
Molecular Formula:	C ₂₆ H ₂₄ ClFN ₄ O ₆
Molecular Weight:	542.94
Target:	VEGFR; Microtubule/Tubulin; Apoptosis
Pathway:	Protein Tyrosine Kinase/RTK; Cell Cycle/DNA Damage; Cytoskeleton; Apoptosis
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VEGFR-2-IN-22 (Compound 25) is a dual VEGFR-2 and β -tubulin polymerization inhibitor with an IC ₅₀ of 19.82 nM against VEGFR-2. VEGFR-2-IN-22 induces apoptosis ^[1] .
IC₅₀ & Target	VEGFR2 19.82 nM (IC ₅₀)
In Vitro	VEGFR-2-IN-22 (Compound 25) shows inhibition with an IC ₅₀ of 0.24 ± 0.06 μ M against HepG2 ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Abdelhameid MK, et al. Design, synthesis, and cytotoxic screening of novelazole derivatives on hepatocellular carcinoma (HepG2 Cells). Bioorg Chem. 2020 Aug;101:103995.

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