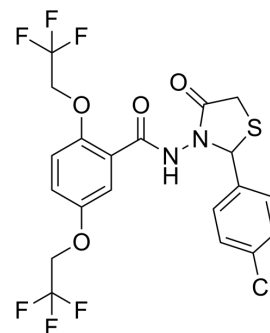


## VEGFR-2/AURKA-IN-1

Cat. No.:	HY-155464
Molecular Formula:	C <sub>20</sub> H <sub>15</sub> ClF <sub>6</sub> N <sub>2</sub> O <sub>4</sub> S
Molecular Weight:	528.85
Target:	VEGFR; Aurora Kinase
Pathway:	Protein Tyrosine Kinase/RTK; Cell Cycle/DNA Damage; Epigenetics
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	VEGFR-2/AURKA-IN-1 (compound 5e) is a thiazolidin-4-one derivative with antiglioma activity (IC <sub>50</sub> : 6.43 μM, LN229). VEGFR-2/AURKA-IN-1 has affinity for AURKA and VEGFR-2 and is a potential ligand. VEGFR-2/AURKA-IN-1 causes DNA strand breaks and exhibits cytotoxic and anticancer potential <sup>[1]</sup> .
IC <sub>50</sub> & Target	AURKA, VEGFR-2 <sup>[1]</sup>

### REFERENCES

[1]. D Shankara S et al. Vetting of New 2, 5-Bis (2, 2, 2-trifluoroethoxy) Phenyl-Linked 1, 3-Thiazolidine-4-one Derivatives as AURKA and VEGFR-2 Inhibitor Antiglioma Agents Assisted with In Vitro and In Silico Studies[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