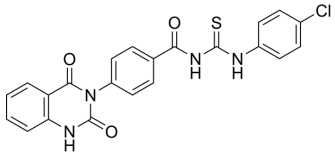
VEGFR-2/c-Met-IN-2

Cat. No.:	HY-149675
Molecular Formula:	$C_{22}H_{15}ClN_4O_3S$
Molecular Weight:	450.9
Target:	VEGFR; c-Met/HGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	VEGFR-2/c-Met-IN-2 (compound 3e) is a VEGFR-2/c-Met inhibitor, with IC_{50} values of 83 and 48 nM, respectively. VEGFR-2/c-Met-IN-2 exhibits cytotoxic activity against HCT-116 cell line (IC_{50}: 3.403 μM)[1].	
IC_{50} & Target	VEGFR-2 83 nM (IC_{50})	c-Met 48 nM (IC_{50})
In Vitro	VEGFR-2/c-Met-IN-2 (compound 3e) shows more than 3 times selective cytotoxicity against the colorectal cancer cells over the normal cells[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Hassan A, et al. Novel 3-phenylquinazolin-2,4(1H,3H)-diones as dual VEGFR-2/c-Met-TK inhibitors: design, synthesis, and biological evaluation. Sci Rep. 2023 Oct 30;13(1):18567.

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