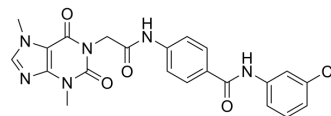


T-1-MCPAB

Cat. No.:	HY-156452
Molecular Formula:	C ₂₂ H ₁₉ ClN ₆ O ₄
Molecular Weight:	466.88
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	T-1-MCPAB is a VEGFR-2 inhibitor (IC ₅₀ =0.135 μM) that effectively inhibits MCF7 migration. T-1-MCPAB can be used in cancer research ^[1] .
IC ₅₀ & Target	VEGFR-2 0.135 μM (IC ₅₀)

REFERENCES

[1]. Eissa IH, et al. Anti-breast cancer potential of a new xanthine derivative: In silico, antiproliferative, selectivity, VEGFR-2 inhibition, apoptosis induction and migration inhibition studies. *Pathol Res Pract.* 2023 Nov;251:154894.

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

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