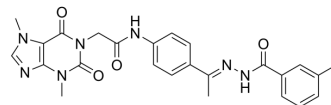


T-1-MBHEPA

Cat. No.:	HY-162064
Molecular Formula:	C ₂₅ H ₂₅ N ₇ O ₄
Molecular Weight:	487.51
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-MBHEPA is a potent inhibitor of VEGFR-2, with the IC ₅₀ value of 0.121±0.051 μM. T-1-MBHEPA has anti-tumor and anti-angiogenic effect ^[1] .
IC ₅₀ & Target	VEGFR-2 0.121 μM (IC ₅₀)

REFERENCES

[1]. Ibrahim H Eissa, et al. Computer-assisted drug discovery (CADD) of an anti-cancer derivative of the theobromine alkaloid inhibiting VEGFR-2. Saudi Pharm J. 2023 Dec;31(12):101852.

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

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