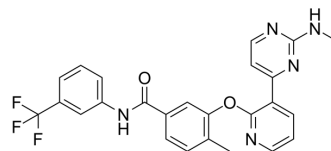


AMG-Tie2-1

Cat. No.:	HY-13023
CAS No.:	870223-96-4
Molecular Formula:	C ₂₅ H ₂₀ F ₃ N ₅ O ₂
Molecular Weight:	479.45
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AMG-Tie2-1 is an inhibitor of tunica interna endothelial cell kinase 2 (Tie2) with an IC ₅₀ of 1 nM. AMG-Tie2-1 is a VEGFR2 inhibitor with an IC ₅₀ of 3 nM ^[1] .
In Vitro	AMG-Tie2-1 (compound 15) inhibits Tie-2 phosphorylation in EA.hy926 human endothelial cells (IC ₅₀ =10 nM). MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Brian L Hodous, et al. Evolution of a highly selective and potent 2-(pyridin-2-yl)-1,3,5-triazine Tie-2 kinase inhibitor. J Med Chem. 2007 Feb 22;50(4):611-26.

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

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