



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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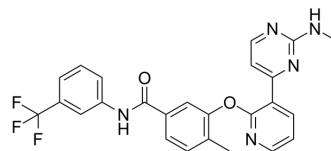
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AMG-Tie2-1

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:	Powder -20°C 3 years In solvent -80°C 6 months -20°C 1 month



SOLVENT & SOLUBILITY

In Vitro

DMSO : 175 mg/mL (365.00 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		2.0857 mL	10.4286 mL	20.8572 mL
	5 mM		0.4171 mL	2.0857 mL	4.1714 mL
	10 mM		0.2086 mL	1.0429 mL	2.0857 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

AMG-Tie2-1 is an inhibitor of tunica interna endothelial cell kinase 2 (Tie2) with an IC₅₀ of 1 nM. AMG-Tie2-1 is a VEGFR2 inhibitor with an IC₅₀ of 3 nM^[1].

In Vitro

AMG-Tie2-1 (compound 15) inhibits Tie-2 phosphorylation in EA.hy926 human endothelial cells (IC₅₀=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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