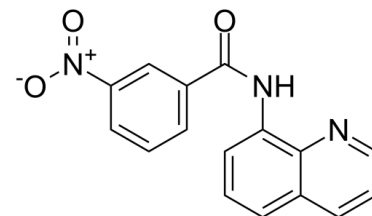


Data Sheet

Product Name:	VEGFR-2-IN-29
Cat. No.:	CS-0597487
CAS No.:	62802-77-1
Molecular Formula:	C ₁₆ H ₁₁ N ₃ O ₃
Molecular Weight:	293.28
Target:	VEGFR
Pathway:	Protein Tyrosine Kinase/RTK
Solubility:	DMSO : 20 mg/mL (68.19 mM; ultrasonic and warming and heat to 60°C)



BIOLOGICAL ACTIVITY:

VEGFR-2-IN-29 (Compound 5) is a **VEGFR-2** inhibitor with an **IC₅₀** of 16.5 nM^[1]. **In Vitro:** VEGFR-2-IN-29 (Compound 5) (72 h) inhibits HUVEC proliferation^[1].

References:

[1]. Yang Y, et al. Design, synthesis and biological evaluation of quinoline amide derivatives as novel VEGFR-2 inhibitors. Bioorg Med Chem Lett. 2010 Nov 15;20(22):6653-6.

CAIndexNames:

Benzamide, 3-nitro-N-8-quinolinyl-

SMILES:

O=C(NC1=CC=CC=C1C2=CC=CC=C2N3C=CC=CC=C3)C(=O)N4C=CC=CC=C4[N+](=O)[O-]

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

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