

VEGFR-2/InhA-IN-1

Chemical Properties

CAS No. :

Formula: C₂₂H₁₆ClFN₄O

Molecular Weight: 406.84

Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.

Biological Description

Description	VEGFR-2/InhA-IN-1, a dual inhibitor based on pyrazole, targets InhA and VEGFR, exhibiting both anti-tuberculosis and anti-angiogenic properties. It demonstrates effective antibacterial activity against the Mycobacterium tuberculosis H37Rv strain (MIC = 6.25 µg/mL) and significantly suppresses VEGFR-2 activity (IC ₅₀ = 15.27 nM).
Targets(IC ₅₀)	Antibacterial, VEGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.458 mL	12.2898 mL	24.5797 mL
5 mM	0.4916 mL	2.458 mL	4.9159 mL
10 mM	0.2458 mL	1.229 mL	2.458 mL
50 mM	0.0492 mL	0.2458 mL	0.4916 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481