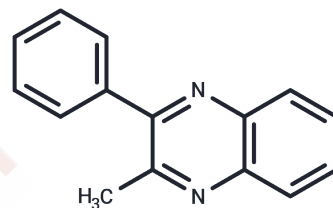


2-Methyl-3-phenylquinoxaline

Chemical Properties

CAS No. :	10130-23-1
Formula:	C ₁₅ H ₁₂ N ₂
Molecular Weight:	220.27
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	2-Methyl-3-phenylquinoxaline (compound 38) serves as an effective inhibitor of the Platelet-Derived Growth Factor Receptor Tyrosine Kinase (PDGF-RTK), exhibiting significant inhibitory activity against the full-length PDGFR kinase in intact cells (IC ₅₀ greater than 100 μM).
Targets(IC ₅₀)	PDGFR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5399 mL	22.6994 mL	45.3988 mL
5 mM	0.908 mL	4.5399 mL	9.0798 mL
10 mM	0.454 mL	2.2699 mL	4.5399 mL
50 mM	0.0908 mL	0.454 mL	0.908 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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