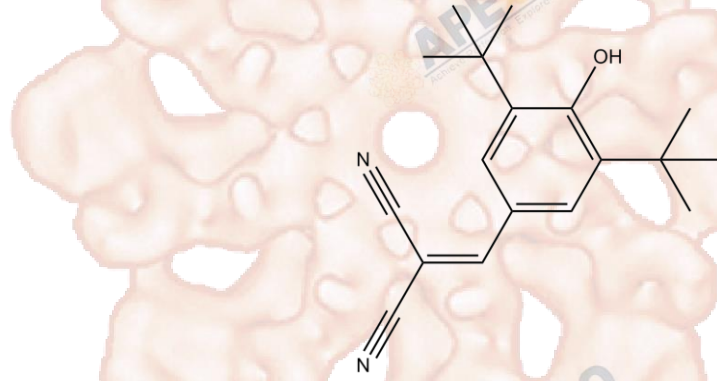


Product Data Sheet

Tyrphostin 9

Cat. No.:	B1494
CAS No.:	10537-47-0
Formula:	C ₁₈ H ₂₂ N ₂ O
M.Wt:	282.38
Synonyms:	
Target:	Tyrosine Kinase
Pathway:	VEGFR
Storage:	Store at -20°C



Solvent & Solubility

insoluble in H₂O; ≥14.1 mg/mL in DMSO; ≥16.77 mg/mL in EtOH with ultrasonic

In Vitro

Preparing Stock Solutions	Solvent	Mass		
		1mg	5mg	10mg
	Concentration			
	1 mM	3.5413 mL	17.7066 mL	35.4133 mL
	5 mM	0.7083 mL	3.5413 mL	7.0827 mL
	10 mM	0.3541 mL	1.7707 mL	3.5413 mL

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

Biological Activity

Shortsummary

Selective EGFR/PDGFR inhibitor

IC₅₀ & Target

0.5 μM (PDGFR), 460 μM (EGFR)

In Vitro

Cell Viability Assay

Preparation method:

In Vivo

Animal experiment

Applications:

Product Citations

See more customer validations on www.apexbt.com.

References

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APEX BIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Shortterm storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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