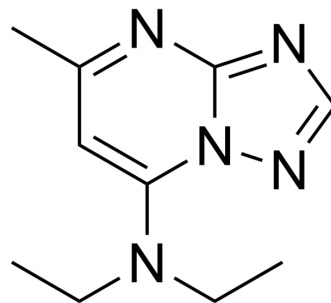


Trapidil

Cat. No.:	HY-B1016		
CAS No.:	15421-84-8		
Molecular Formula:	C ₁₀ H ₁₅ N ₅		
Molecular Weight:	205.26		
Target:	PDGFR		
Pathway:	Protein Tyrosine Kinase/RTK		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro

H₂O : ≥ 105 mg/mL (511.55 mM)
 DMSO : 100 mg/mL (487.19 mM; Need ultrasonic)
 * "≥" means soluble, but saturation unknown.

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	4.8719 mL	24.3594 mL	48.7187 mL
	5 mM	0.9744 mL	4.8719 mL	9.7437 mL
	10 mM	0.4872 mL	2.4359 mL	4.8719 mL

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

In Vivo

1. Add each solvent one by one: PBS
 Solubility: 100 mg/mL (487.19 mM); Clear solution; Need ultrasonic

BIOLOGICAL ACTIVITY

Description

Trapidil is a vasodilator, an antiplatelet active molecule with specificity for platelet-derived growth factor.

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

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