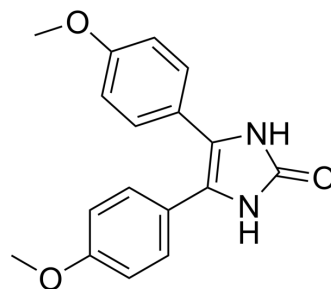


P18IN003

Cat. No.:	HY-123535
CAS No.:	71727-40-7
Molecular Formula:	C ₁₇ H ₁₆ N ₂ O ₃
Molecular Weight:	296.32
Target:	Others
Pathway:	Others
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



SOLVENT & SOLUBILITY

In Vitro

DMSO : 31.25 mg/mL (105.46 mM; ultrasonic and warming and heat to 60°C)

Preparing Stock Solutions	Solvent Concentration	Mass		
		1 mg	5 mg	10 mg
	1 mM	3.3747 mL	16.8736 mL	33.7473 mL
	5 mM	0.6749 mL	3.3747 mL	6.7495 mL
	10 mM	0.3375 mL	1.6874 mL	3.3747 mL

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

BIOLOGICAL ACTIVITY

Description

P18IN003 is a potent p18(INK4C) inhibitor and specifically block the activity of p18 protein. P18IN003 has the potential to be an effective chemical agent for therapeutic expansion of HSC^[1].

IC₅₀ & Target

p18(INK4C)

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

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