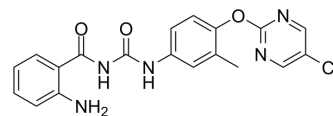


Telomerase-IN-3

Cat. No.:	HY-126483		
CAS No.:	150096-77-8		
Molecular Formula:	C ₁₉ H ₁₆ ClN ₅ O ₃		
Molecular Weight:	397.82		
Target:	Telomerase		
Pathway:	Cell Cycle/DNA Damage		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



SOLVENT & SOLUBILITY

In Vitro	DMSO : 25 mg/mL (62.84 mM); ultrasonic and warming and heat to 60°C				
		Solvent Concentration	Mass 1 mg	5 mg	10 mg
	Preparing Stock Solutions	1 mM	2.5137 mL	12.5685 mL	25.1370 mL
		5 mM	0.5027 mL	2.5137 mL	5.0274 mL
10 mM		0.2514 mL	1.2568 mL	2.5137 mL	
Please refer to the solubility information to select the appropriate solvent.					
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.5 mg/mL (6.28 mM); Clear solution				

BIOLOGICAL ACTIVITY

Description	Telomerase-IN-3 is a telomerase inhibitor, which directly targets hTERT promoter activity. hTERT is the key component for maintenance of telomerase activity ^[1] .
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REFERENCES

[1]. Laurence Hurley, et al. hTERT MODULATORS AND METHODS OF USE. WO2017095969A1.

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

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